

## **Generative AI**

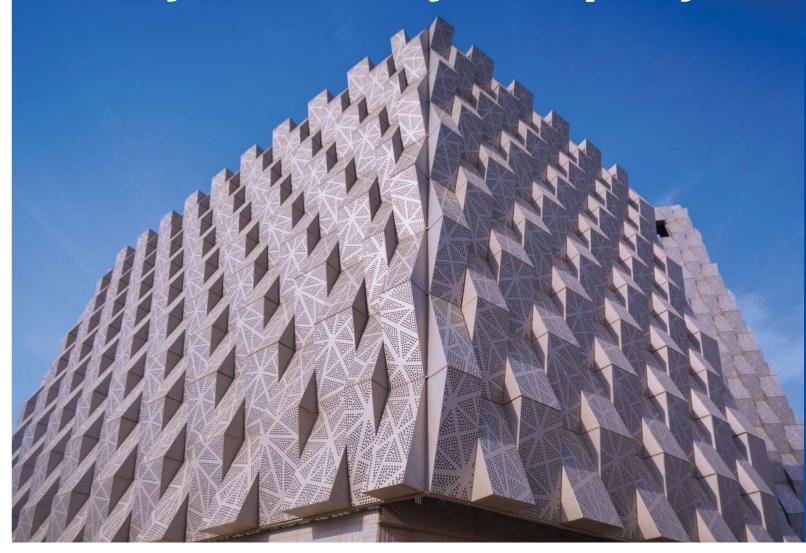
Rising Adoption Across Sectors



# Growth by Innovation Riyadh Valley Co. A Quality Shift towards the Future



## Riyadh Valley Company



Riyadh Valley Company (RVC) established in 2010 by Royal Decree No. 116 dated 1431/4/13 AH, to be the investment arm of King Saud University in the fields of Knowledge economy and the university strategic projects

Based on the company's stated purposes in the Articles of Association, the following main activities have been identified:

Venture Capital Investments Strategic Investments

Enriching Innovation Ecosystem

For More Information: www.rvc.com.sa

### Introduction

rom its inception in the 1950s as a mere concept of machines possessing ability to think, learn and solve problems, Artificial Intelligence (AI) has evolved significantly over the past seven decades. Since then, AI has witnessed a transformative journey, turning theoretical ideas into a dynamic and promising sector by the 2020s. The sector that has piqued human interest from all over the world over has found earliest mentions going way back to Greek Mythology somewhere around 700 BC¹. However, the evolution of modern AI is as follows:



1950 – Alan Turing published The Turing Test in his paper titled "Computing Machinery and Intelligence". This test is used to measure if a machine can act intelligently.

1952 – Arthur Samuel coined the phrase 'Machine Learning' and developed the first machine learning algorithm for playing checkers which later turned out to be the base for Generative AI.

1956 – John Mcarthy during the summer Dartmouth Conference coined the term 'Artificial Intelligence'

1957 – Frank Rosenblatt, a Cornell University psychologist developed the first 'neural network' of single layer which was capable of being trained and was named – The Perceptron.

1958 – LISP – The Second oldest high-level programming language that become a standard language for Al research developed by John Mcarthy.

1966 – Joseph Weizenbaum created ELIZA, which was the first rudimentary chatbot intended to simulate therapy by reconfiguring answers given by the users into questions to keep the conversation flowing, which was also known as the Rogerian Argument. Shakey the Robot was also invented in this period as the first general-purpose mobile robot which was able to reason out with its actions.

1970s-1980s — Al gained traction among researchers from various disciplines and the Expert Systems were designed to imitate the decision-making ability of experts.

1986 – The Backpropagation Algorithm established a significant advancement in 'neural networks' which proved to be a more effective way of training multi-layer networks.

1997 – IBM's Deep Blue defeated renowned chess champion Garry Kasparov in a six-game marathon with 32 processors, 200 million chess positions evaluated per second and 11.38 billion floating point operations per second of processing speed, demonstrating Al's ability to exceed human expertise.

2004-2006 — The US government funded a promotion to improve facial recognition technology called the 'Facial Recognition Grand Challenge' which resulted in algorithms that were 10 times more accurate than the ones used in 2002.

2011 – On 4<sup>th</sup> October 2011, SIRI, the first digital assistant that was considered functional was launched with the iPhone 4S by Apple Inc. The usage of chatbots also increased significantly in this time period.

2016 – AlphaGo is an Al program that defeated professional 'Go' players on a full-size 19x19 board without handicaps, designed by Google DeepMind.

2022 – ChatGPT transformed the way the public viewed AI gaining over a million users in just five days of going public.

2024 – The year marks a significant surge in the establishment of Al startups and funding<sup>2</sup>. As Al's true potential becomes widely recognized, with companies adopting and exploring further application to reduce costs and boost efficiency.

Having established a timeline of major developments in AI over the years, it is essential to understand how the rise in AI has set the stage for Generative AI to take over in the coming years.

<sup>&</sup>lt;sup>2</sup> Crunchbase



#### Gen Al is different from Al in the following ways

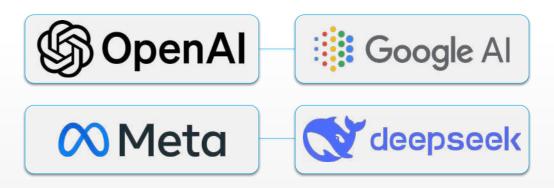
Basis	Gen Al	Al	
Creativity	Gen AI excels at creative tasks appealing to artistic side of things	Al excels at using logic and analysis	
Application	Artistic side	Automation and problem- solving	
Functionality	Augment human creativity into texts, images, videos and audio	Understand, interpret and decide based on data that has been fed. Output depends on the quality of data that is fed	
Data Requirement	Requires large amount of data, with detailed specifications to produce desired output	Data requirement might vary on a case-to-case basis	
Learning	Unsupervised learning/ Reinforcement learning*	Supervised/Semi-supervised/ Reinforcement leaning	

Source: Digital Adoption, GeeksforGeeks

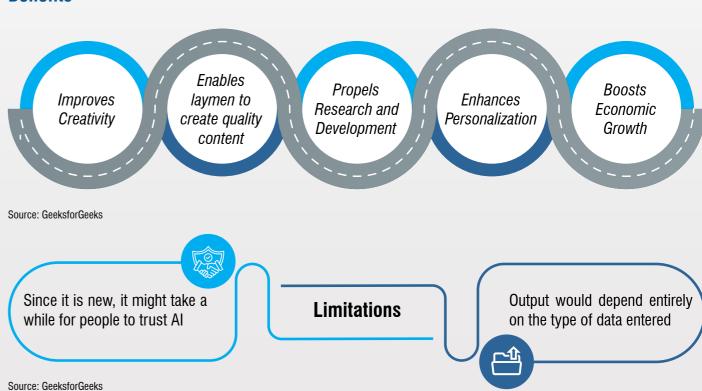
Change is often met with apprehension, and it was only natural for people to feel uneasy when AI emerged. There were fears that AI might replace all human jobs. However, this concern is largely unfounded. While AI can indeed take over some repetitive and monotonous tasks, it also creates new job opportunities, empowering individuals in the process. AI not only automates routine tasks but also opens avenues for innovation and growth, ultimately enhancing human potential.

Businesses around the world are integrating AI in their day-to-day operations to automate tasks and increase their efficiency. Gen AI is used by them to engage customers online through chatbots, creating advertisements and sophisticated videos with just a few prompts. This enables companies to create breath-taking imagery or videography at lesser costs and in a matter of seconds. Companies are creating numerous novel job roles such as Prompt Engineer, AI Trainer, Machine Manager, AI Business Strategist, etc to recruit people that can deliver the desired output.

#### Some Gen Al platforms are



#### **Benefits**



<sup>\*</sup>Unsupervised Leaning – Branch of machine learning that deals with unlabelled data

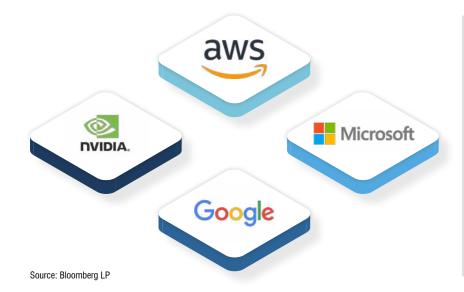
Supervised Learning – Branch of machine learning that deals with labelled data

Reinforcement Learning – Branch of machine learning that focuses on making decisions to maximize cumulation of rewards in a particular situation

## **Generative AI in the Global Stage**

The global Generative AI market size in 2024 was USD 36.06 billion<sup>3</sup>. It is poised to reach USD 62.72 billion in 2025 with an annual growth rate of 41.53% which would result in a market value of USD 356.10 billion in 2030<sup>4</sup>. The rising demand for Gen AI products has the potential to add about USD 280 billion to the software revenue boosted by new infrastructure projects, specialized assistants and copilots that accelerate coding<sup>5</sup>. According to Bloomberg Intelligence estimates, the impact of Gen AI is expected to reach 10% of total IT hardware, software services, advertisements, and gaming market spending by 2032.

#### Biggest Beneficiaries as enterprises shift more workloads to public cloud



Around 40% of the activities performed by personnel in the economy that require a median human understanding of natural language such as communication, supervision, documentation and interacting with people in general could potentially be automated by generative Al<sup>6</sup>.

#### **Countries Showdown**

Generative AI could spin output in various formats, such as text, video, image and audio. There are various platforms such as ChatGPT for texts, Midjourney for images, Invideo for videos and Magenta for audio. Some of the major players in the market for different use cases are as follows:





While the world is in a race to leverage most of this sector, there are a few countries that dominate the field at present:

#### **Global Leaders in Al**





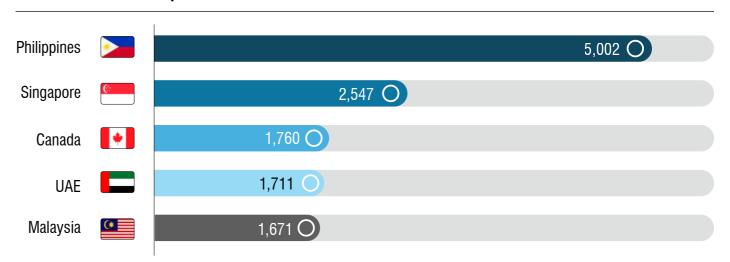






Source: Stanford HAI

#### **Text Generation AI - Top 5 Countries**



Source: PC Mag; Electronics Hub

Philippines has seized the first place in the countries that has the most text generation. Its people execute 5,002 searches per 100,000 of its population per month, followed by Singapore and Canada.

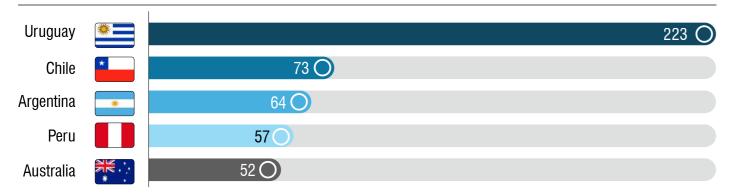


#### Most Used Tool as of 2024



Source: PC Ma

#### **Audio Generation - Top 5 Countries**



Source: PC Mag, Electronics Hub

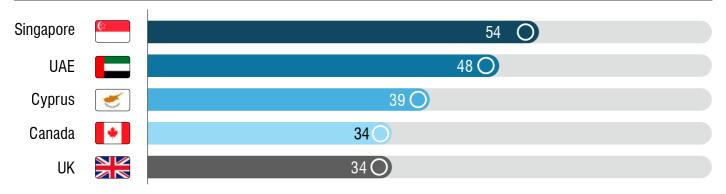
The South American continent has topped the charts for audio generation, with top 4 out of the 5 countries from the region. Uruguay has 223 searches per 100,000 of its population per month, followed by Chile and Argentina.

#### **Most Used Audio Generation Tool as of 2024**



Source: GeeksforGeeks

#### **Video Generation - Top 5 Countries**



Source: PC Mag, Electronics Hub

Video generation is evidently the least common use of AI at present. Singapore leads the way with 54 searches per 100,000 population per month followed by UAE and Cyprus. It is noteworthy that UAE, the only GCC country, has made it to the top 3 in AI video generation.

#### Most used Video Generation Tool as of 2024

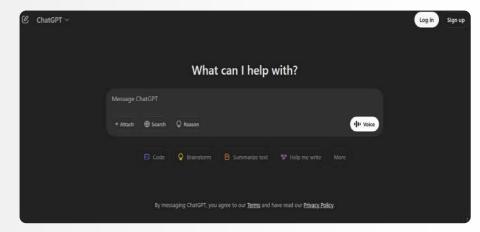


Source: PC Mad

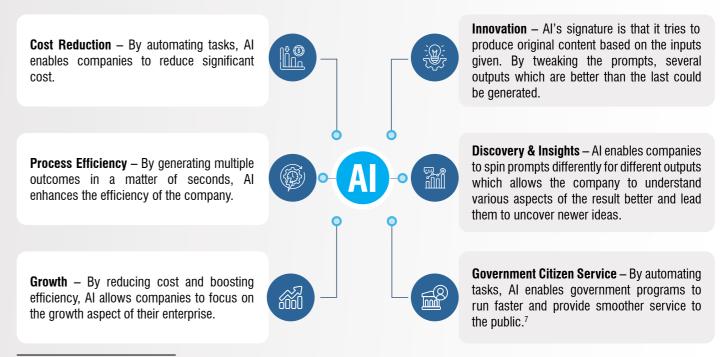
#### **Use Cases and Future Applications of Gen Al**

Generative Al goes a step further than Al in creating original, sophisticated and human-like outcomes, carving a unique mark for itself in the realm of Artificial Intelligence. With structured writing and hyper realistic audio, video and imagery, it augments imagination into reality.

#### **ChatGPT 4.0 User Interface**



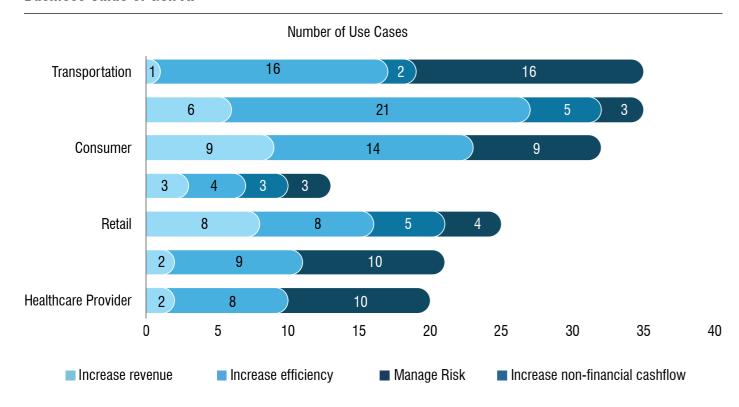
#### Value captured by Generative AI can be broadly classified into 6 facets



<sup>7</sup> Deloitte

By automating tasks and working on command, Generative AI is a blessing in disguise for companies as they can reduce costs and boost competence. Gen AI could seamlessly bring under its umbrella various sectors that support the economy and increase revenue by enhancing workflow and productivity.

#### **Business Value of Gen Al**



**Note:** Based on a survey by Gartner with 145 businesses that are using Al across industries. The number of use cases denote the end objective of sing Al based on the sector in which they operate.

Source: Gartner

#### **Real-Time Use Cases of Gen Al**







Toyota Research Institute has reduced unexpected late design changes, minimized time-to-design phase and enabled swift sketches in collaboration with Stability.ai, which has led to creative vehicle design and flexibility. For instance, Toyota Research Institute developed MAVERIC (Manipulating Autonomous Vehicle Embedding Region for Individual Comfort) which is an approach that learns about a person's driving style and enables the Autonomous Vehicle to imitate their driving behaviour.







The potential of AI in healthcare has been portrayed by the partnership of Mayo Clinic and K Health. Their AI-enabled medical chatbot engages with clients and renders personalized care recommendations, conducts interviews with the patients and swiftly gathers medical history and symptom-related information. To illustrate, in an initiative to prevent premature cardiovascular expiration and personalization of treatment, Mayo Clinic makes use of proprietary algorithms developed by K Health. The algorithms are used to power advanced AI-ECG (AI - Enhanced Electrocardiography) technology, remote patient observation and risk assessment.

The world has just plunged into the realm of Artificial Intelligence and the future applications of Gen Al are limitless. From medicine to manufacturing and everything in between, Al could generate countless original outcomes with minor tweaks in prompts to polish it to perfection, that enables businesses to save operating costs, and abundant time which could be used for elevating its performance and enhancing customer satisfaction. For the commoners, Gen Al presents them with an opportunity to unleash their imagination and create stellar imagery, videography and audio to portray their creativity to the world.



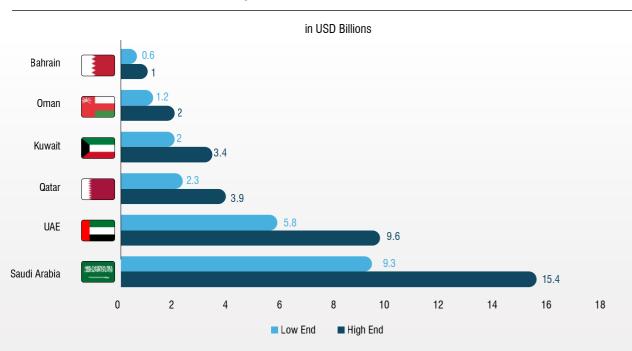
Source: Images generated in Microsoft Copilot with the prompts "Generate an image of a beach at sunset and a majestic ship sailing at a distance and happy crowd"

Artificial Intelligence is the next big thing after the internet. Al fever is spreading across continents and companies are in a race to dominate this field. The hype among public and scope of this industry has had significant impact on the stock prices of Al companies. For instance, Nvidia's average stock prices in the year 2000 was around USD 0.20. Fast forward to 2025, the average stock price is around USD 135.72. Nvidia shares' closing price reached an all-time high on January 6th, 2025, at USD 149.43. This is a testament to the heights that a sector can reach given it can appeal to the public.

## **Gen AI in the GCC**

Gen Al has set foot in the Gulf Cooperation Council (GCC) region with an adoption rate among businesses and startups at 75%, which is higher compared to the global adoption rate of 65%. The region is acclimatizing to Gen Al, with 57% of the businesses spending at least 5% of their digital budget on Al, compared with 33% globally. According to a McKinsey report, Gen Al could be worth 1.7 to 2.8% of the annual non-oil GDP in the GCC economies, with use cases generating an annual economic worth between USD 21 and 35 billion a year, atop the USD 150 billion that other Al technologies could deliver. Al is set to be a pivotal sector in the coming years and numerous countries and *investors including Riyadh Valley Company* have invested in the sector to steer growth and capitalize the advancements. For instance, Riyadh Valley Company has made direct investments in Rutilea, an Al Development and GPU Cloud Service Platform.

#### Potential Annual Value - Added Impact from Gen Al



Source: McKinsey & Company

\*High end and Low end reflects the range of potential value additions to the economy by Gen Al

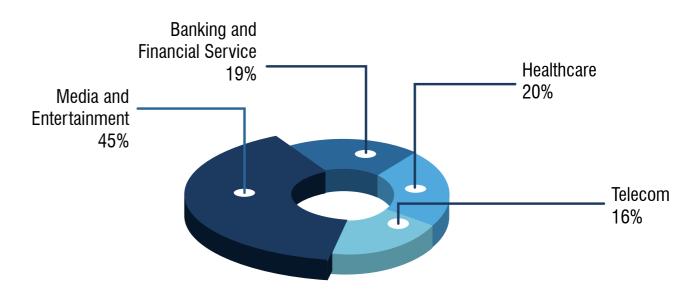
While all sectors in the GCC countries stand to benefit from Generative AI, the energy sector emerges as the biggest winner, with a potential annual value-added impact of USD 5 to 9 billion. Smart grids, renewable energy forecasting, predictive maintenance, demand response management (DRM) and oil and gas exploration when clubbed with AI, delivers the most efficient utilization of resources thereby having the greatest impact on the energy sector<sup>10</sup>. This is followed by capital projects and infrastructure, which could see an impact of USD 3 to 6 billion, and financial services, with an impact of USD 3 to 5.5 billion<sup>11</sup>. All ensures proper planning, design and management of capital projects while saving cost and time for entities rendering financial services by automating tasks and personalizing solutions to customers.

#### Al Initiatives in the GCC

Sno	Country	Year	Initiative
1	Qatar	May, 2017	Established its National Artificial Intelligence Strategy
2	UAE	October, 2017	Established Ministry of Al
3	UAE	April, 2019	Launched National Strategy for Al 2031
4	Saudi	August, 2019	Saudi Data and Al Authority was launched
5	Kuwait	November, 2019	Central Agency for Information Technology (CAIT) and Microsoft collaborate to transform Kuwait's Government sector digitally
6	Oman **	February, 2020	Ministry of Technology and communication collaborates with Gulf Business Machines and the Research Council on Al projects for Smart City Platform

Source: Lean Tech

#### Impact of Gen AI by sectors in the GCC in USD billions



Source: Strategy&, AGBI

<sup>&</sup>lt;sup>8</sup> Zawya

<sup>&</sup>lt;sup>10</sup> Energy Magazine

<sup>11</sup> McKinsey & Company

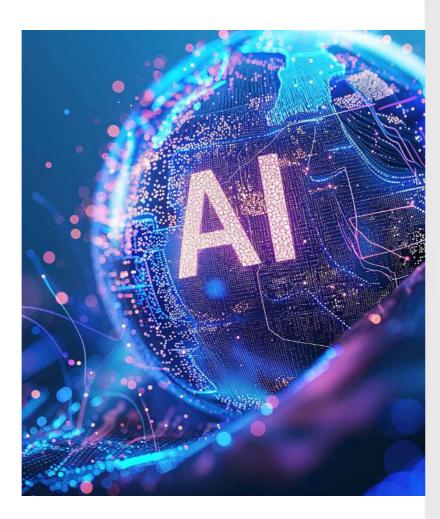
#### Al Startups in the GCC

4	Company	Location	Year Founded	Stage	Total Funding	Investors
	tarjame	Dubai, UAE	2008	Series A	USD 5 million	Anova Investments, Amethis
	iBLO>•<	Dubai, UAE	2021	Seed	USD 5 million	PrimeXM
	IR4LAB	Dhahran, Saudi Arabia	2017	Seed	USD 1.5 million	Wa'ed Ventures
	Advansys ESC Engineering Services & Consultancy	Dubai, UAE	1980	Unfunded	-	-
	PhazeRo	Muscat, Oman	2019	Seed	-	Phaze Ventures and SparkLabs Energy

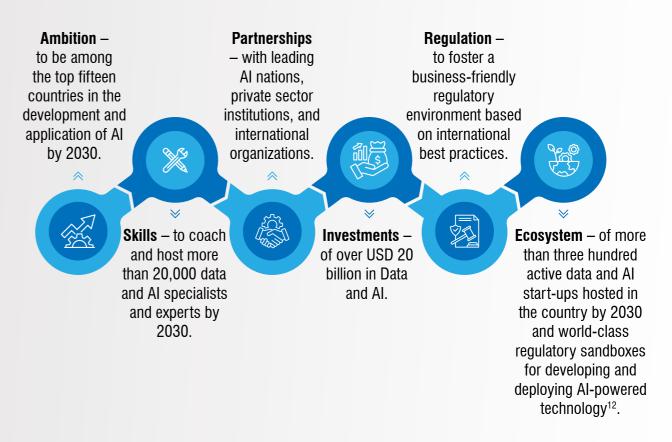
Source: Tracxn, Crunchbase

#### Gen Al in Saudi Arabia

The launch of Saudi Data and Al Authority (SDAIA) in 2019 marked the entry of Saudi Arabia into the realm of Al. Since then, SDAIA has worked meticulously to position Saudi as a global leader in the use and development of Gen Al. This nudge is in line with the country's ambitious Vision 2030 plan in order to diversify its economy beyond oil and integrate technological advancements across various sectors. Under the 'Digital Transformation' segment of the Vision 2030 initiative, the National Strategy for Data and AI (NSDAI) has been laid out as a fundamental policy with precise objectives to make the country a global leader by reiterating the country's commitment to leverage responsible Al in attaining its national digital transformation goals, congealing its data and AI hub role and enhancing the ICT's (Information and Communication Technology) contribution to the overall GDP of the country.

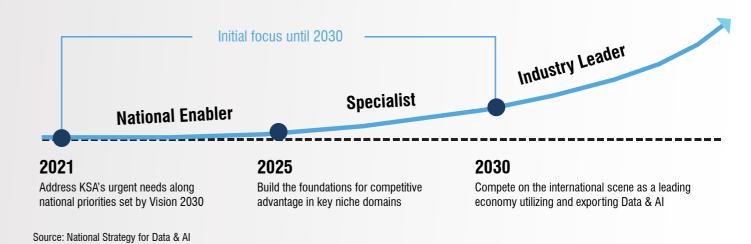


#### **ASPIRE** – The six main pillars of NSDAI



Source: NSDAI and Gov.Sa

The year 2025 marks an important milestone in the NSDAI's strategic approach for the country is all set to transition from the 'National Enabler' phase to the 'Specialist' phase, by building foundations for the competitive advantage in key niche domains.



12 Gov.SA

#### Initiatives by SDAIA to make Saudi a global leader

#### 5.000 +25.000 +**USD 1 billion** 5+ Students are Women would Pledged for the Research and largest Gen Al enrolling in be trained in Development Al-focused Al in the next 5 accelator labs being established to programs years boost innovation in Gen Al Source: SDAIA, OliverWyman

- Launched the National Data Governance Platform for responsible usage of data and enhance transparency.
- Creating awareness among the people about Gen AI by hosting events and competition.
- Partnering with global leaders and local entities.
- Setting up Center of Excellence (CoEs) and taskforces<sup>13</sup>.

Saudia Arabia has commenced working towards achieving its goal of becoming a global leader by making significant investments in its digital infrastructure. In 2021, the Saudi Company for Artificial Intelligence (SCAI) was established as a wholly owned subsidiary of Public Investment Fund to act as its arm in the AI and emerging technologies sector<sup>14</sup>. To illustrate Saudi Arabia has invested USD 120 million to acquire more than 3000 Nvidia GPUs (graphics processing units) which are required to train large-scale AI models and are described as the world's first computer chip designed for generative AI<sup>15</sup>.

According to Oliver Wyman Analysis, Generative AI has the potential to substantially boost the Saudi economy by increasing efficiency and productivity in various sectors. It also estimates that generative AI could contribute anywhere between SAR 60 to 90 billion to the GDP of the country by 2030, that is, a minimum of 1.7% of the total GDP and 2.5% of the non-oil GDP to a maximum of 2.2% of the total GDP and 3.3% of the non-oil GDP<sup>16</sup>.



Note: \* - Restaurant waiters while less impacted in % than other professions made it to the list in absolute numbers due to the large portion of the population currently employed as such

Source: OliverWyman.com: Oliver Wyman Analysis

#### To a World of Possibilities! – The Rise of DeepSeek and What it means for Saudi

Until a while ago, no one ever thought that it was possible to upstage OpenAI, the parent company of ChatGPT; the biggest and most prominent player in the Generative AI Industry. However, DeepSeek, a Chinese Gen AI platform did just that, disrupting OpenAI's image as the only prominent player among the public. This shows how the Chinese company has levelled up against the tech giants in the US and what the emerging economies can learn from it.

DeepSeek was founded by Liang Wenfeng in May 2023. With its headquarters in Hangzhou, China, it has defied the notion that it was impossible to come up with a large language model (LLM) on a relatively low cost. DeepSeek has claimed to have outperformed major models such as OpenAl's GPT-4 and Meta's LLaMA on various yardsticks such as coding, maths and reasoning evaluation. Its open-source architecture has enabled cost effective app development and democratizes Al innovation. To put things in perspective, OpenAl charges USD 4.40 per million tokens for its API, DeepSeek offers similar services at just 10 cents, thereby becoming highly attractive to developers<sup>17</sup>. As of 26th January 2025, DeepSeek became the most downloaded free app on App Store displacing ChatGPT with downloads rapidly rising in Google Play as well<sup>18</sup>.

<sup>13</sup> Oliver Wyman

<sup>&</sup>lt;sup>14</sup> Public Investment Fund

<sup>&</sup>lt;sup>15</sup> Financial Times

<sup>&</sup>lt;sup>16</sup> Oliver Wyman Analysis

<sup>17</sup> Times of India

<sup>18</sup> TechCrunch

In a world where the realm of AI is dominated by tech giants in the US, the rise of DeepSeek, a Chinese company that has created its R1 model which competes with ChatGPT's o1 model with just USD 5.6 million<sup>19</sup>, teaches emerging economies that investment in the right infrastructure, talent and research can bear fruitful results even when faced with resource constraints. Given Saudi Arabia is transitioning into the 'Specialist' phase in 2025, its focus ought to be on identifying and nurturing AI startups that could build solid foundations in compliance with regulatory framework in order to become an industry leader by 2030.

#### Timeline of all major Al Initiatives in the KSA across sectors

Saudi Government launched the Economic Diversification Strategy laying initial groundwork for its economic diversification.

The country began exploring the usage of Al in energy management and smart grid. It marked the first significant application of Al in Saudi Arabia's economy.

Investments in AI Research and Development especially through partnerships with international universities and research institutions with a goal to build domestic capacity in AI technologies, with a focus on applied

Al research in areas such as energy, smart cities and

Saudi launched its 'Technology and Innovation Roadmap' under vision 2030 outlining the importance of Al in its diversification initiatives.

Saudi Arabia started applying Al in healthcare and education.

robotics.

Saudi Data and Artificial Intelligence Authority (SDAIA) was launched to oversee data and AI strategies.

GI br tin

Global Al leaders and experts were brought together in Riyadh for the first time for Global Al summit by SDAIA.

Saudi Arabia launched National Strategy for Data and Artificial Intelligence (NSDAI) to make the country a global leader in AI.



The country laid emphasis on integration of AI in national security and defense.

Saudi strengthens its Al-driven smart cities initiative by focusing on the development of NEOM and other futuristic cities.

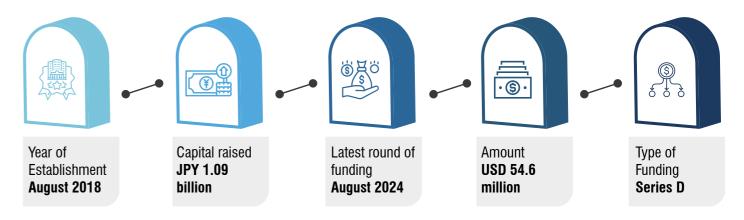


The government focused on using AI for sustainability and energy optimization, particularly for renewable energy projects in NEOM.<sup>20</sup>

## Spotlight – Rutilea

Rutilea is one of Riyadh Valley Company's direct investments. It is an AI development platform that also provides GPU cloud services, guiding users from model selection to setup. Their mission 'Unleashing AI for AII: Zero Code, Zero Hassle' reflects their commitment to simplifying AI integration for individuals and businesses alike.

#### **About the company**



Source: Rutilea and PitchBook

#### **Services offered by Rutilea**

#### **Al Development Platform**



#### Al Development Platform for Time and Cost Optimization:

Utilize the company's high-speed GPU cloud services to offer extensive support from model selection to complete setting up of the development environment.



#### **GPU Cloud Service:**

It offers NVIDIA HGX H100 GPUs and Multi-Node DGX Clusters for a stable and swift development environment and advanced computing respectively on a pay-as-you-go basis based on customer usage time and quantity.

<sup>19</sup> Times of India

<sup>&</sup>lt;sup>20</sup> Global Institute of National Capability

**Research and Engineering:** Latest technologies are integrated into the company's model development across various domains such as video analytics, conversational AI etc. Not only does Rutilea provide their customers with the company's own AI models but also assist them in selecting optimal models from globally recognized sources tailored to their customers' needs. It also provides options for secure, closed environments for high security applications.

#### **Clients**

#### **GPU Cloud Service**







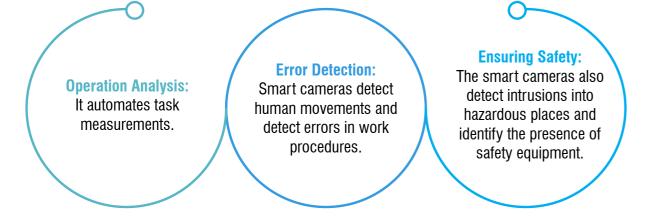


Source: Rutilea

#### **Rutilea Efficient Operations (REO)**

REO is a no-code operation analysis system that is applicable for factories in the manufacturing industry, including the automotive sector. It recognizes human tasks and consolidates the captured data on the server. It then verifies the overall operation based on preset task registrations.

#### **Benefits of REO**



Source: Rutilea

### **Conclusion**

The rise of generative AI has transformed the industries worldwide, offering unparalleled opportunities for automation, innovation and efficiency. Globally, companies are trying to harness the power of AI to enhance productivity, reduce costs, mitigate risks, improve decision-making and develop better models to drive technological advancements and customize it to the company's needs.

In the GCC, generative AI is being embraced for a broader vision of diversifying the economy and position the region as a hub of AI startups with governments investing heavily in the AI infrastructure, research and talent development. Saudi Arabia has laid out plans in its ambitious Vision 2030 to position the country as a global leader in AI and emerging technologies sector.

Integration of AI into magnificent projects like NEOM could enable the country to spin out numerous outputs, which would enable the experts to understand various aspects of the project from different perspectives and execute the most efficient processes to fast track the materialization of the country's most ambitious plan. While the World Economic Forum claims that 97 million jobs can be created by AI by 2025, Saudi seeks to cultivate 20,000 AI and data specialist in its workforce<sup>21</sup>. According to a McKinsey report, AI could automate 41% of the work activities in the country which could propel the nation towards growth and achieve its goals at a quicker pace. These efforts reflect in various domains like education, healthcare, energy by transforming their operations while fostering a thriving AI ecosystem that supports both the local and international players.





Riyadh Valley Company established in 2010 by Royal Decree No.116 dated 13/4/1431 AH to be the investment arm of King Saud University in the fields of Knowledge Economy and the university strategic projects.



#### **Vision**

To be the regional leader in knowledge-based investment and technology.



#### Mission

Riyadh Valley Company is a strategic investor, focused on leveraging the local capabilities, investing locally and globally in growth - stage businesses to create financial and strategic returns that will support the future of economic development in the Kingdom.

#### The Core Focus Areas of RVC

#### **Venture Capital Investments**



Healthcare Investment



FinTech



Education



**Logistics and Trasportation** 

#### **Strategic Investments**



Innovation and R&D Projects

Renewable energy& Sustainable Recourses

Information & Communication Technology



**Commercial Projects** 



**Educational Projects** 



**Residential Projects** 



Healthcare Projects



Mixed-use Projects

#### **Enriching Innovation Ecosystem**



Attract distinguished scientists and consultants



Prepare students for work experience through training



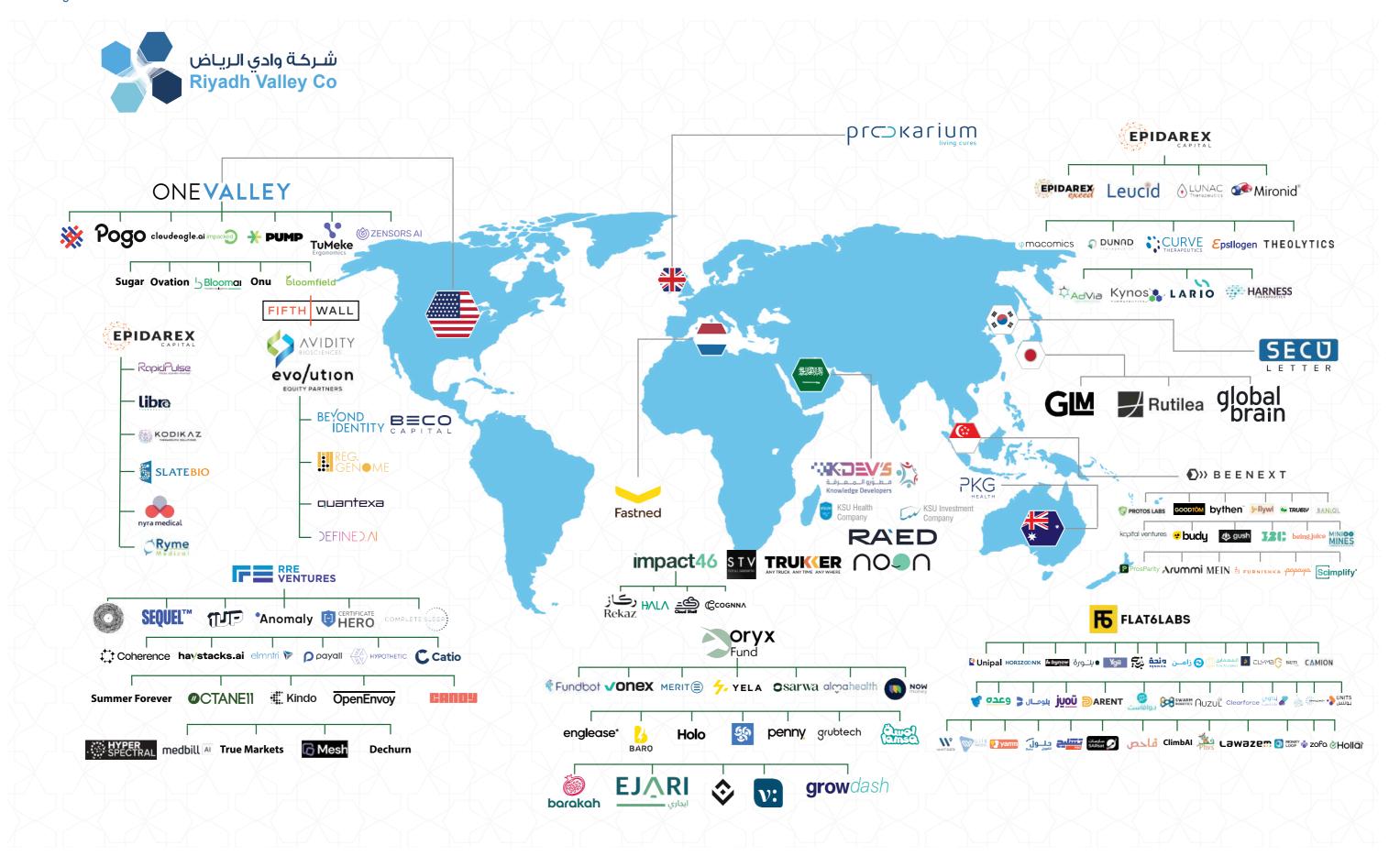
Supporting Scientific Research and technology industry



Enhance the environment to support the knowledge economy



#### Knowledge Investment Portfolio



#### Strategic Investment Portfolio



**Sudair Pharma Company Project** 

FOUR DIRECTIONS

**Four Directions** 

**Company Project** 

Research center and offices



Generative AI – Rising Adoption Across Sectors

**ELM Information Security Company Project** 

Research & Innovation center





**Majd Real Estate Company Project** 

Offices project





عیادات دیرما Derma Clinic

Al-sorooh Al-

**Project** 

(D/(M)

Offices project

**Mubarakah Company** 





**Obeikan Company Project** 

Commerial project



**Derma Clinic Company Project** 

Healthcare project



دور الکُتّـاب Dur Alkuttab

**Dur Alkuttab Company Project** 

Educational project



(D/LM) عیادات دیـرمـا Derma Clinic

Office project

**Derma Clinic Company Project** 

Residential project



CITY LIGHTS سیتی لایتس **City Lights Real Estate Company Project** 





FOUR DIRECTIONS الاثجافات الازسعاة **Four Directions Company Project** Commercial project



سينومي <sub>cenomi</sub>

**U WALK Project** 

Commercial project



**Qasr Alaaredh Company Project** Building



SAHAT

Sahat Al-Ardh **Company Project** Mixed-use project





The Esplanade Project Commercial project







SW1 **NMR Real Estate Company Project** Mixed-use project



تكوين التنهية **Takween Altanmia Company Project** Offices project





**Arrowad Education** 

**Company Project** 

Educational project





Office building project







مدارس واحة الزيداع الأهلية مدير مدير المستعدد الأهلية **Oasis of creativity Schools** Educational project





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