



مؤسسة دبي للمستقبل
DUBAI FUTURE FOUNDATION

مركز دبي لاستخدامات
الذكاء الاصطناعي
Dubai Centre for
Artificial Intelligence

1 YEAR RETROSPECTIVE

DCAI Impact Report

TABLE OF CONTENTS

ACRONYMS

EXECUTIVE SUMMARY

INTRODUCTION

- 1.1 DCAI Overview
- 1.2 Founding Members
- 1.3 Projects Overview

TIMELINE

PARTNERS

- 3.1 Government Partners
- 3.2 AI Companies

PROJECTS

- 4.1 AI Task Forces in Government Entities
- 4.2 DCAI Accelerator
- 4.3 Dubai Assembly for Generative AI
- 4.4 Dubai.AI Chatbot
- 4.5 launch of 72 Government AI Pilots
- 4.6. AI Majlis
- 4.6 Global Prompt Engineering Event 2024
- 4.7 Chief AI Officers
- 4.8. One Million Prompters Initiative
- 4.9 AI Retreat 2024
- 4.10 Chief AI Officers
- 4.11. Top 20 AI Use Cases in Government

CONCLUDING REMARKS

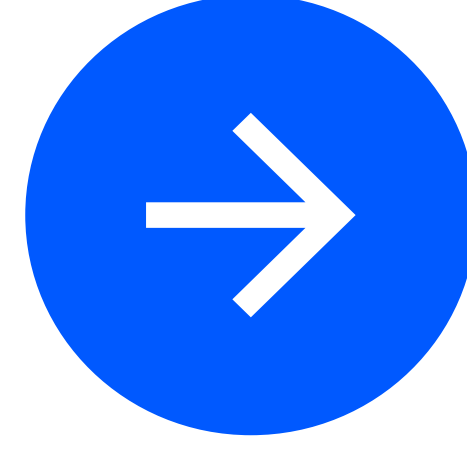
GLOSSARY

ABOUT THE DUBAI FUTURE FOUNDATION

ACRONYMS

DCAI	Dubai Centre for Artificial Intelligence
GEN AI	Generative AI
DFF	Dubai Future Foundation
DEWA	Dubai Electricity and Water Authority
DFA	Dubai Future Accelerators
MOF	Ministry of Finance

EXECUTIVE SUMMARY



In its inaugural year, the Dubai Centre for Artificial Intelligence (DCAI) has swiftly positioned Dubai as a global leader in AI innovation and application. Launched under the visionary leadership of His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, the DCAI has driven transformative change across government sectors, catalysing AI adoption and fostering a culture of technological excellence.



As DCAI continues to drive AI integration across multiple sectors, its efforts are not just transforming governance but also laying the groundwork for Dubai's emergence as a global AI hub. The Centre's initiatives, from AI task forces to global competitions, reflect a commitment to positioning Dubai as a model for AI-powered progress and excellence.

CHARTING THE FUTURE

A High-Level Overview of DCAI's Vision and Impact

The Centre aims to make Dubai and its government the global leaders in implementing Artificial Intelligence, preparing for the world's evolving technology landscape. The Centre is a joint venture by Dubai Future Foundation, Digital Dubai and DEWA.



Strategic Goals



Support Dubai's vision to be among the world's most future-ready cities by adopting cutting-edge technologies and employing artificial intelligence.



Present a successful and exceptional model for Modelling artificial intelligence in the development of government work.

FORGING ALLIANCES

The Founding Members Who Pioneered DCAI

The Dubai Future Foundation, Dubai Electricity and Water Authority, Dubai Media Council and Dubai Digital Authority will oversee the implementation of the Dubai Centre for AI's goals and outcomes in cooperation with relevant authorities, with a focus on developing legislation related to AI applications, attracting top global technological solutions and developing national talent.

The launch of the initiative forms part of implementing His Highness Sheikh Mohammed bin Rashid Al Maktoum's directives to apply the latest AI technologies in varied sectors



PIONEERING PROJECTS

An Overview of DCAI's Transformative Initiatives

In the first year of the DCAI, we have focused our efforts on a range of transformative AI projects. These initiatives are strategically categorised into three key areas: the Future of Government, the Future of Sectors, and the Future of Society. Each project represents our commitment to leveraging AI to drive innovation, enhance efficiency, and create meaningful impact across diverse domains. The descriptions following in this report provide a detailed look at the projects we have undertaken, highlighting their objectives, milestones, and key achievements.

In alignment with the wider DFF strategy
(Future of Government, Sectors and Society)

Chief Artificial Intelligence Officers



AI Taskforces in Government Entities

ملتقى دبي للذكاء الاصطناعي
Dubai Assembly for Generative AI

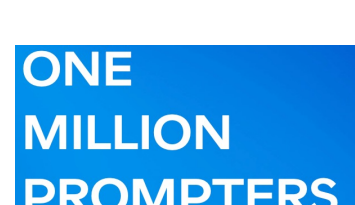
Top 20 Demanded AI Use Cases



مجلس الذكاء الاصطناعي



Artificial Intelligence Majlis



CHARTING THE JOURNEY

Milestones in DCAI's Path to AI Leadership

The past year has marked a significant acceleration in the Dubai Centre for Artificial Intelligence's (DCAI) initiatives. This timeline highlights the DCAI's dynamic efforts to activate AI within government services, engage with leading AI companies, and facilitate collaborations and knowledge transfer with Government Entities.

June 2023

H.H. Sheikh Hamdan bin Mohammed launched the **Dubai Centre for Artificial intelligence**

مركز دبي للاستخدامات
الذكاء الاصطناعي
Dubai Centre for
Artificial Intelligence

August 2023

Launched **AI Task Forces in Government Entities**

September 2023

Launched the **Dubai Future Accelerators AI in Government Services**

مسرعات دبي للمستقبل
DUBAI FUTURE ACCELERATORS

October 2023

Launched the **Dubai Assembly for Generative AI** and the **Dubai.AI Chatbot**

DUBAI ملتقى دبي للذكاء الاصطناعي
Dubai Assembly for Generative AI

November 2023

Launched the **Dubai Future Accelerators AI in Government Services**

مسرعات دبي للمستقبل
DUBAI FUTURE ACCELERATORS

March 2023

Launched the **DCAI Majlis**

April 2024

H.H Sheikh Hamdan bin Mohammed launched the **Dubai Universal Blueprint for Artificial Intelligence**

May 2024

Launched the **Global Prompt Engineering Event 2024 and One Million Prompters Initiative**

التحدي الدولي للذكاء الاصطناعي
GLOBAL PROMPT ENGINEERING CHAMPIONSHIP ONE MILLION PROMPTERS

June 2024

Launched the **AI Retreat 2024**

ai Retreat
ملتقى الذكاء الاصطناعي

July 2024

Launched the **Chief AI Officers**

August 2024

Launched the **Top 20 Demanded AI Use Cases**

BUILDING PARTNERSHIPS AND UNITING FORCES

33 Dubai Government Entities Embracing AI



هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



كلية محمد بن راشد
للإدارة الحكومية
MOHAMMED BIN RASHID
SCHOOL OF GOVERNMENT

مؤسسة محمد بن راشد للإسكان
Mohammed Bin Rashid Housing Est.



مكتبة
محمد بن راشد
Mohammed Bin Rashid Library



INNOVATING TOGETHER

28 AI Companies Leading the Transformation



INTEGRATING AI INTO GOVERNANCE

Task Forces Leading the Charge

August 2023

Establishing AI taskforces within 31 Government Entities to accelerate AI adoption, with focus on integrating AI solutions to improve service delivery and operational efficiency across various departments and agencies.

Training Programme Pillars



Gen AI Awareness Sessions



Gen AI for Executives – Use Cases Implementation



Gen AI Use Cases Development & Selection Criteria

Achievements & Milestones

33

Government Entities

202

AI Team Representatives

31

AI Leads

28

AI Companies

SPOTLIGHT

AI Task Forces in Government Entities gathered 28 AI Companies



ACCELERATING INNOVATION

Driving AI Integration in Dubai's Government Services

September 2023

A comprehensive initiative integrating AI technologies into government services by facilitating AI Companies & Dubai Government Entities collaboration to work on real live use cases provided by each entity. This Programme aims to enhance operational efficiency, service delivery, and create new AI-driven Government Services and Media Communication services, making government operations more effective and user-friendly. The second cohort of the Accelerator will take place in Q4 2024.

Achievements & Milestones

30

Entities

28

Companies

104

Use Cases

72

Approved Pilots

97

AI entrepreneurs

8

Programme Weeks

SPOTLIGHT

DFA has broken its record with 72 AI pilot executions during 8 weeks of the Accelerator Programme. The DCAI initiative now hosts the first and largest repository of AI use cases in government across MENA.



SHOWCASING TOMORROW

Dubai Assembly for Generative AI's Global Impact

11–12 October 2023

An event showcasing the latest advancements and applications of generative AI technology. It brings together global experts, industry leaders, and innovators to discuss the future of AI, its transformative potential, and its impact on various sectors. The assembly features insightful sessions, interactive workshops, and networking opportunities, fostering collaboration and knowledge sharing to drive the development and adoption of generative AI solutions.

Achievements & Milestones

1800+

Attendees

70

Speakers

40+

Sessions

30

Entities

5

Key Themes

1

Launch of **Dubai.AI chatbot**

SPOTLIGHT

Over 1,800 AI Global Experts to Demystify Generative AI



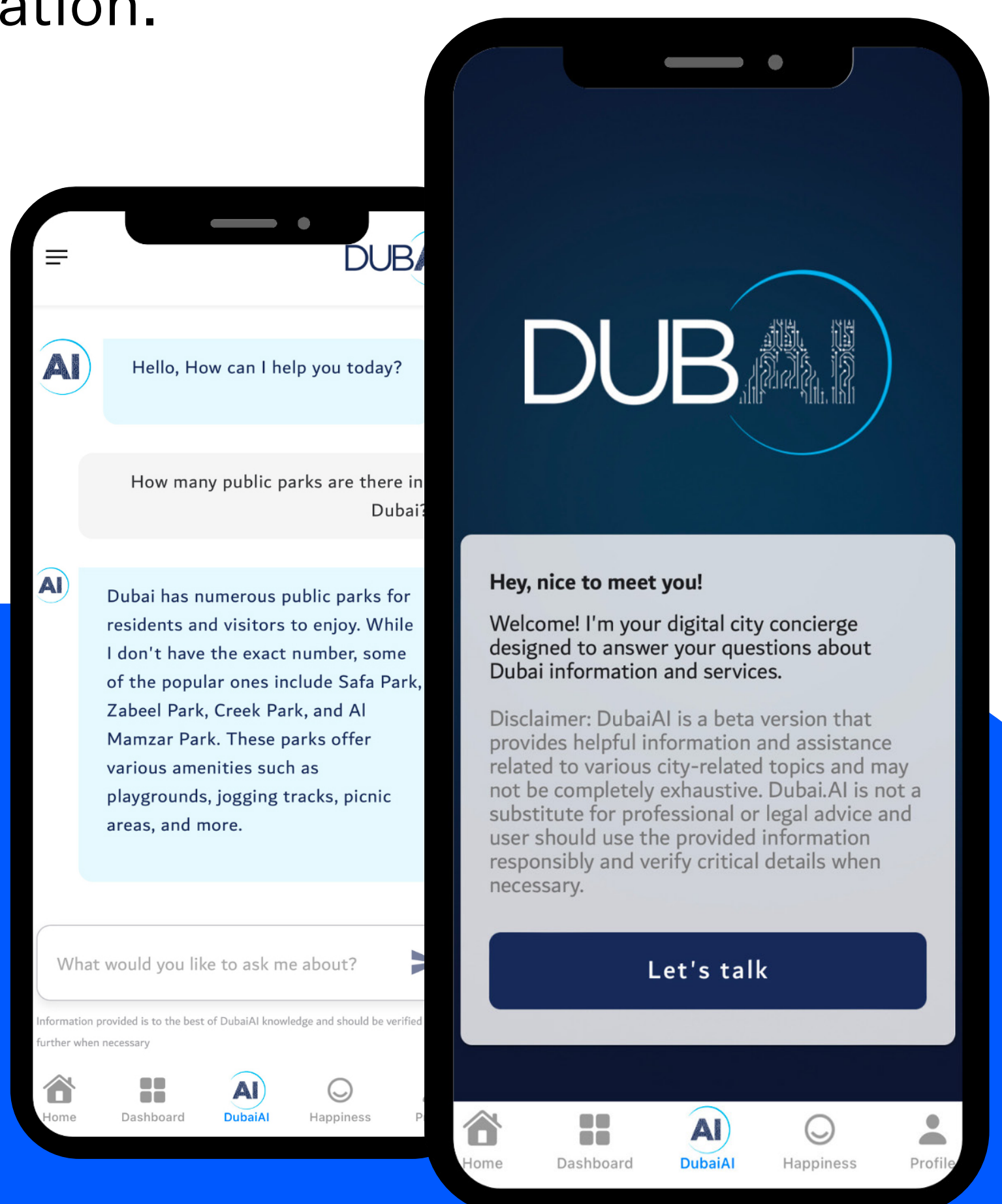
INTRODUCING DUBAI.AI

Revolutionising Citizen Interaction
through AI

11 October 2023

‘Dubai AI’, a generative AI-powered digital city concierge. Dubai.ai is a personalised digital assistant developed by Digital Dubai in partnership with DCAI. It provides AI-driven services and information about Dubai, offering a seamless and interactive user experience tailored to individual needs.

The Dubai AI City Concierge Chatbot was developed from the 72 use cases piloted during the DCAI AI Accelerator Programme, which served as the foundation for its creation.



PIONEERING CHANGE

Launch of 72 Government AI Pilots

November 2023

In collaboration with 33 Dubai Government Entities, the Dubai Centre for Artificial Intelligence (DCAI) launched 72 pioneering AI pilots. Focused on the Future of Generative AI in Government Services and Media and Communication, these pilots showcased the transformative potential of AI in Government Services and Media Communication.

This initiative solidifies Dubai's position as a global leader in AI-driven innovation, setting a new standard for technology integration in governance. The insights gained will guide future advancements, ensuring Dubai remains at the forefront of AI innovation.

DCAI Use Cases Cluster



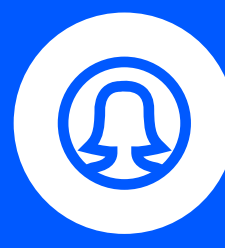
Chatbots



Translation



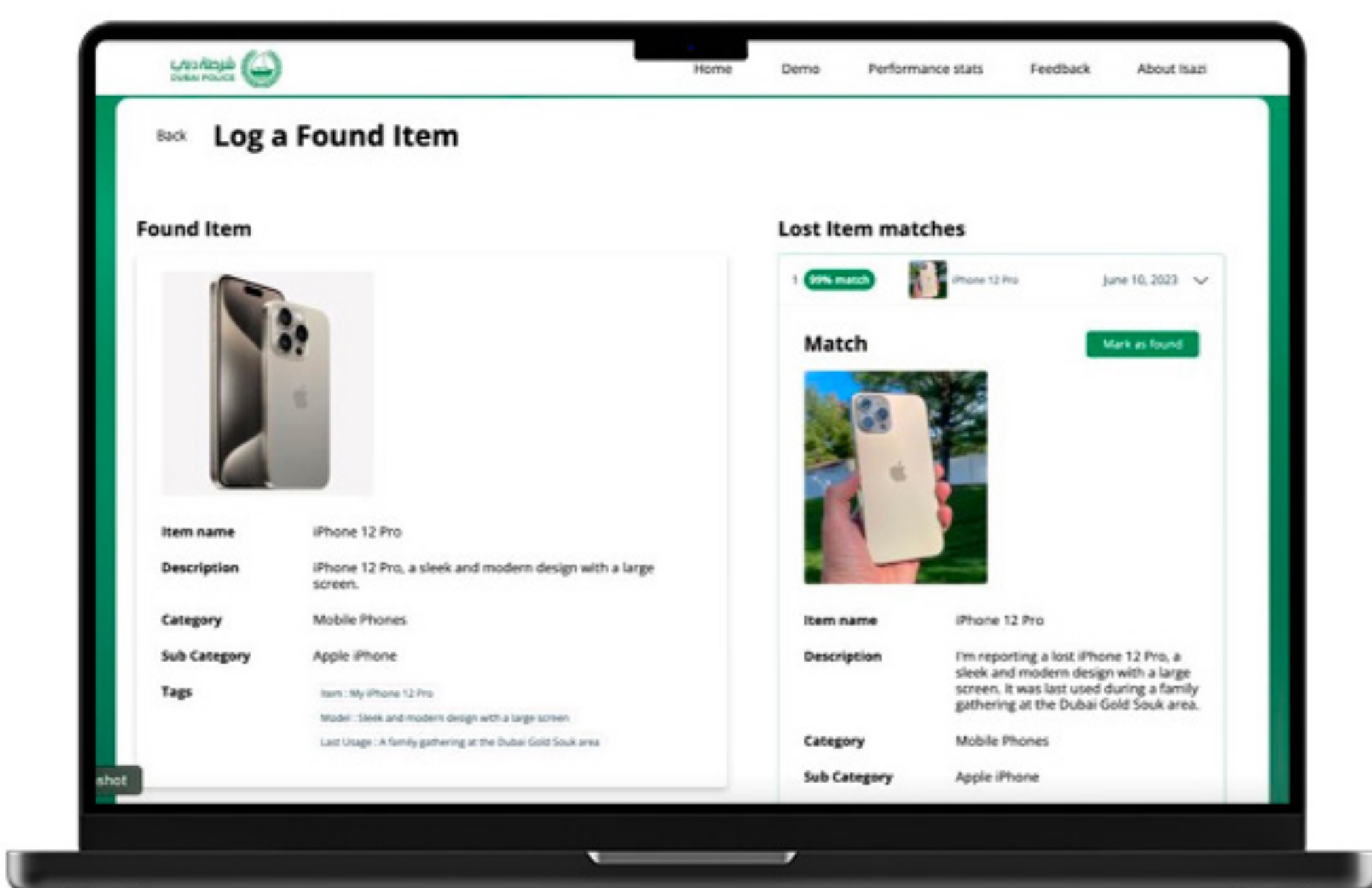
Internal Processes
(HR & Finance)



Awareness
through Avatars

SPOTLIGHT

DCAI Accelerator launches the largest collection of AI Pilots in Government.



FOSTERING COLLABORATION

The AI Majlis: where Dubai's Government Leaders Shape the Future of AI

March 2024

The DCAI Majlis fosters collaboration among 33 Dubai Government Entities to promote knowledge exchange and innovation in AI. This platform facilitates collaboration, knowledge exchange, and innovation, aligning with Dubai's goals of becoming a global AI leader. Through discussions, best practice sharing, and showcasing AI projects, the AI Majlis accelerates the integration of AI into government services, enhancing efficiency and citizen experiences.

Achievements & Milestones

33

Government Entities

4

Majlis Sessions

SPOTLIGHT

Strengthening the collaboration and knowledge sharing between Government Entities to enable efficient digital transformation.



PIONEERING GENERATIVE AI

The World's First Global Prompt Engineering Competition

20 – 21 May 2024

The Global Prompt Engineering Championship, the largest competition of its kind in the world, set to take place in Dubai. Organized by the Dubai Centre for Artificial Intelligence and the Dubai Future Foundation, this open competition invites generative AI enthusiasts from around the globe to showcase their skills and unleash their creativity.

Achievements & Milestones

2000+ 120+

Registrations

Countries

100+

Nationalities

3

First Place Winners

6

Runner-up's

30

Finalists

SPOTLIGHT

Dubai Hosts World's Biggest AI Prompt Engineering Challenge



التحدي الدولي للذكاء الاصطناعي
GLOBAL PROMPT ENGINEERING CHAMPIONSHIP

مركز دبي
للذكاء الاصطناعي
Dubai Centre
for
Artificial Intelligence

مؤسسة دبي للمستقبل
DUBAI FUTURE FOUNDATION

الجمعية الإماراتية
للحرف
DUBAI CHAMBER
DIGITAL



EMPOWERING A GENERATION

The One Million Prompters Project

May 2024

The **One Million Prompters** Project is an ambitious initiative launched by His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, aiming to train and certify one million individuals in AI prompt engineering over three years. This project is the first of its kind, which globally offers structured learning paths in both English and Arabic to ensure accessibility for a diverse audience to enable 3 million participants to become Prompt Literate.

SPOTLIGHT

The One Million Prompters Project stands as a trailblazer in AI education, democratizing access to cutting-edge skills and positioning Dubai as a leader in global AI literacy.

ONE MILLION PROMPTERS

Training one million AI prompters from Dubai in three years



CULTIVATING LEADERSHIP

Insights from AI Retreat 2024

11 June 2024

The AI Retreat is designed to foster dialogue on the challenges and opportunities within specific domains of AI, aligned with the Dubai Universal Blueprint for Artificial Intelligence. The event aims to generate comprehensive reports outlining these challenges and opportunities, which will be instrumental in shaping future AI policies and initiatives in Dubai.

Achievements & Milestones

3000+

Registrations

80+

AI Leaders

2500

Attendees

4

Roundtables

7

Panels

15

Content Partners

SPOTLIGHT

AI Retreat 2024 Hosts Four Intensive Roundtables on AI Integration at MOTF



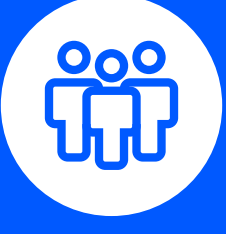
SHAPING THE FUTURE

Task Forces Leading the Charge

11 June 2024

Chief Artificial Intelligence Officer in each government entity in Dubai as part of the launched Dubai Universal Blueprint for Artificial Intelligence by HH Sheikh Hamdan bin Mohammed. Spearhead specialized plans and Programmes in the field of artificial intelligence (AI) and advanced technology. The broader goal is to enhance government performance by investing in the latest AI technology solutions and tools and increase collaboration with other Government Entities and enhance citizens experiences.

Strategic Vision



Fostering collaboration and synergy among Chief AI Officers in Government.



Demonstrating AI's potential in transforming public services in Government.



Building a foundation for Dubai's AI leadership.

SPOTLIGHT

Dubai's Chief AI Officers in gov entities generated 100+ potential gov services



SPOTLIGHTING INNOVATION

The Top 20 AI Use Cases in Government

August 2024

The Global Prompt Engineering Championship, the largest competition of its kind in the world, set to take place in Dubai. Organized by the Dubai Centre for Artificial Intelligence and the Dubai Future Foundation, this open competition invites generative AI enthusiasts from around the globe to showcase their skills and unleash their creativity.

Achievements & Milestones

13

Sectors

20

Top Selected Use Cases

SPOTLIGHT

DCAI's Top 20 AI Use cases in Government is the first in MENA



REFLECTING ON SUCCESS

Concluding Remarks on DCAI's First
Year of Impact

As we look back on a year of progress at the Dubai Centre for Artificial Intelligence, we want to thank our partners, AI companies, and dedicated teams. Their hard work, alongside the support and vision of our leadership, has been key to the success of DCAI in its first year.

Together, we've established Dubai as a leader in AI across multiple sectors. We're eager to continue this momentum into the next year, further advancing our efforts and reinforcing Dubai's position as a top city for AI innovation.

Abdulaziz AlJaziri

Deputy CEO and Chief Operations Officer
Dubai Future Foundation

TERMINOLOGY

AI TASK FORCES

Groups established within Dubai's government entities to accelerate AI adoption and integration in service delivery and operational efficiency.

GENERATIVE AI

A type of AI that generates text, images, or other content from a set of inputs, used in applications like the Dubai.AI Chatbot.

AI MAJLIS

A platform fostering collaboration among Dubai's government leaders to discuss AI integration.

GLOBAL PROMPT ENGINEERING

A competition and project initiative focused on advancing the skill of generating AI-driven prompts to enhance AI efficiency.

CHIEF AI OFFICERS

Senior officials in Dubai's government entities tasked with spearheading AI strategies and initiatives to enhance government performance through AI.

ONE MILLION PROMPTERS PROJECT

An initiative aiming to train one million individuals in AI prompt engineering to promote global AI literacy.

AI RETREAT

An event for AI leaders and stakeholders to discuss AI challenges and shape AI policy development.

ABOUT DUBAI FUTURE FOUNDATION

The Dubai Future Foundation (DFF) aims to realize the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE, and Ruler of Dubai, for the future of Dubai and to consolidate its global status as a leading City of the future.

DFF has a clear yet bold strategy: to drive Dubai 10 years ahead; shaping the city's future through collective action to inspire the world.

The Foundation is committed to driving the future forward, and to continuously staying ahead as it grows. This is achieved through data-driven research, applied R&D, and hosting global gatherings for knowledge exchange and creating global futurist networks.



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