LEADING THE AI REVOLUTION: THE NEW WAVE OF AI EXECUTIVES

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- Leading as an AI Executive
- A Q&A with ADNOC's AI Lead
- Featured AI Tool: Rationale
- Beeah innovates with "Ai Executive"
- Prompts for AI executives
- Upcoming events in AI
- AI AT ADSM

The AI Executive: Navigating the Future of Technology and Innovation

AI executives are essential in today's tech-driven world, leading innovation and strategic growth. They integrate AI into business operations to optimize efficiency and enhance decision-making. Key responsibilities include :

- understanding AI's capabilities
- fostering an AI-ready culture
- ensuring ethical practices.

By leveraging advanced tools and promoting continuous learning, AI executives can drive their organizations towards significant AI-driven value. Embracing AI strategically is crucial for modern leaders aiming to maintain a competitive edge in the digital age.

5 AI TERMS EXECUTIVES SHOULD KNOW

- Machine Learning
- Neural Networks
- Predictive Analytics
- Natural Lanugage Processing (NLP)
- Deep Learning

AI Q&A

In this edition of our AI newsletter, we bring you an exclusive Q&A session with an AI Disruption Lead at ADNOC, Ahmed Al Naqbi .

What are the key skills executives need to effectively leverage AI in their organizations?

Executives need strong understanding of AI in terms of nature and limitations. They need to maximize thinking out of the box more than ever, as well as being agile and resilient to the ever evolving dynamics in AI transformations and its impact. Executives need to reconsider their working operating models, emphasizing on cross functional collaborations and forward thinking, linking business functions together in direct and dotted lines, leveraging AI together to advance UAE's industries and governments.

What do you see as the most significant AI trends that executives should be aware of in the next 5 years?

Executives should be aware of the rise and rapid iterations of Gen-AI, the advancements in Large Language Models from giants like OpenAI and Microsoft, and to the new opportunities AI can achieve in its integration with the Internet of Things (IoT). These trends will transform various industries in a blink of an eye worldwide.
This is a race and the most forward thinking executives and organization structures will be at the forefront.

What are the key skills executives need to effectively leverage AI in their organizations?

The UAE is positioning itself as a leader in AI by investing heavily in AI research, fostering innovation through initiatives like the UAE AI Strategy 2031, the Falcon Foundation and establishing partnerships with global tech companies. Its proactive approach aims to create a robust AI ecosystem that influences global AI standards and practices.

What are the common pitfalls executives face when implementing AI, and how can they be avoided?

Common pitfalls include lack of clear AI strategy articulation to the whole organization, inadequate data quality and completeness, insufficient digital platforms and infrastructure, and resistance to change sometimes at executive level regardless of demographics. To avoid these, executives should develop a comprehensive and inclusive AI strategy, invest in data and AI talents, provide an immediate AI

training for the workforce, and continuous communication of the benefits of AI (with proven examples) to gain organizational buy-in. Lastly, the leader of the organization should be a believer and an advocate of AI, for the rest to follow.

How should executives approach the integration of AI to ensure alignment with their business goals?

Executives should start by defining clear business objectives for AI to be accepted as part of the business, ensuring alignment with overall business strategy. They must invest in the right talent and technology, foster a culture of innovation, and implement robust data governance practices to support the integration process.

"Executives must embrace AI's transformative power, fostering innovation and agility to stay at the forefront of the global AI race."

Ahmed Al Naqbi,AI Disruption Lead at ADNOC

Featured AI tool for Executives

Rationale
See two sides of the coin, make rational decisions.

Created by Jina AI, Rationale is an AI-powered decision-making tool designed to assist executives in making informed, rational decisions.

Simply input the decision you're grappling with, and it will generate a list of pros and cons along with a general recommendation. But that's not all.

Rationale also allows you to compare multiple options—whether it's going fully remote, adopting a hybrid model, or bringing everyone back to the office. It can build a SWOT analysis or create a decision tree (causal chain) for you.

Powered by the latest GPT and in-context learning algorithms, Rationale ensures that decisions are tailored to specific business contexts and improve over time.

Joan & Max
Heads of Engineering, managing a team of 60

source: www.beeahgroup.com

BEEAH Innovates with "AI Executive" for Business Decision-Making

BEEAH is developing an "AI Executive," a decision-making tool built on a Language Learning Model (LLM) trained on its historical data. This AI will provide real-time operational insights, aiding leadership and teams in making informed decisions. Leveraging GPT and in-context learning, it will enhance organizational efficiency and drive innovation by simplifying complex data into actionable insights.

Prompt for an AI Executive

"As an executive aiming to enhance our operations, outline a strategic plan for integrating AI to improve efficiency and decision-making. Focus on data management, customer insights, and operational efficiency. Include potential AI technologies, implementation steps, and expected benefits. Ensure considerations for data privacy, security, and employee training are addressed."

"Today, none of us can live without AI systems. They are the first thing you use in the morning and the last thing you use at the end of the day. My question, therefore, is why is no-one taking it seriously? It is because no one understands it."
Osama Al Olama, UAE Minister of AI

WHAT'S ON IN AI?

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CHECKOUT UPCOMING AI EVENTS

GITEX Oct 14-18
Dubai

AI AT ADSM

Word Cloud Analysis Findings

Negative Sentiment Word Cloud

Positive Sentiment Word Cloud

sample from "Sentiment Analysis using Artificial Intelligence for Governmental Organization e-Services"

At the Abu Dhabi School of Management (ADSM), we are committed to fostering innovation and research in the field of Artificial Intelligence (AI). Our students engage in various AI thesis projects that explore the integration of AI technologies in business and education, equipping them with the skills to navigate an increasingly data-driven world.

Currently, our students are researching the importance of establishing a comprehensive AI governance framework to ensure the responsible and ethical use of AI in educational settings. This research addresses critical concerns such as ethical considerations, bias, transparency, and academic integrity.

Image	Language	Title	Kind	Size -KB
	Egyptian Hieroglyph	EG 6	JPEG	127
	Old Chinese	OC 4	WEB P	57
	Arabic	AR 10	JPEG	25

Ancient Languages Classification using Artificial Neural Networks"

Some notable thesis titles completed by our students include:

- "An AI Framework for Age Classification of Movies in the UAE: Enhancing Content Regulation and Audience Targeting"
- "Ancient Languages Classification using Artificial Neural Networks"
- "Sentiment Analysis using Artificial Intelligence for Governmental Organization e-Services"
- "Social Media Sentiment Analysis in the UAE: Detecting Hate Speech and Inappropriate Language"

These projects reflect our commitment to aligning with the UAE's National Strategy for Artificial Intelligence and promoting responsible AI practices. By collaborating with AI ethics experts and industry leaders, ADSM is dedicated to preparing students for the challenges and opportunities presented by AI technologies.

Through this research, we aim to inform the development of a preliminary AI governance framework while enhancing the overall learning experience for students and faculty. ADSM continues to lead in the field of AI education, ensuring that our graduates are well-equipped to contribute responsibly to their organizations and society.