

REPORT ON INDUSTRIAL TALK 2

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What is Credence ?

System Development of Credence : Analytics

Technology and tools use in Credence

Reflections



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TITLE OF INDUSTRIAL TALK 2

SYSTEM DEVELOPMENT @ CREDENCE (TM SUBSIDIARY)

SPEAKER'S BACKGROUND

Name : QISTINA BATRISYIA BINTI AZMAN SHAH

Occupation : Analytics Delievery, AI Operation @ Credence (Powered by Telekom Malaysia)

EDUCATION : Bachelor of Computer Science (Data Engineering)

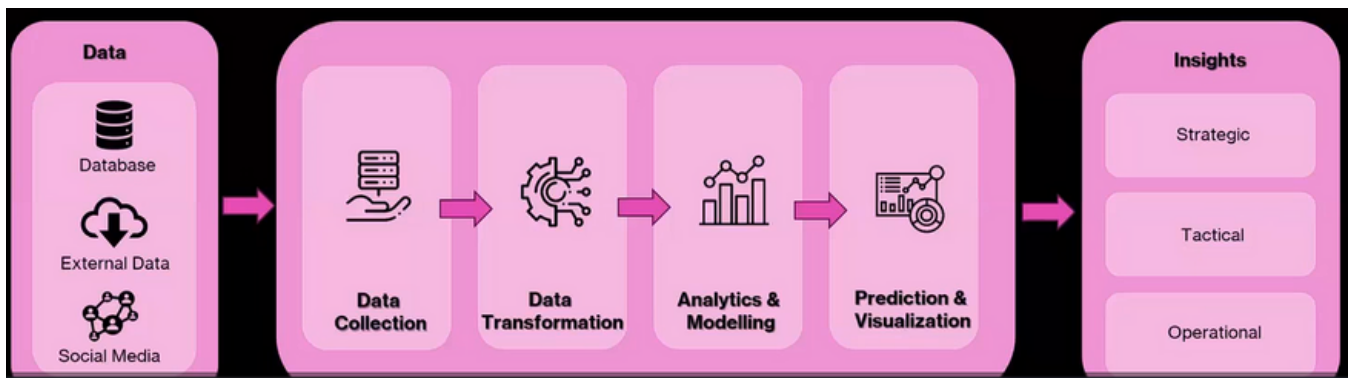
WHAT IS CREDENCE?

Credence is a subsidiary of Telekom Malaysia. Credence has a vibrant and employee-friendly culture that encourages collaboration and growth. In Credence, they support:

- Open Communication
 - a.Credence support open communication which makes it easy for employees to share their ideas and concerns to management
 - b.Career path flexibility is encouraged. This allows workers to explore multiple roles within Credence.
- Continuous Learning and Development
 - a. Employees are actively encouraged to further their professional development through certification options and free e-learning.
 - b. Collaborative learning is encouraged among coworkers, which improves the organization's overall knowledge base.

SYSTEM DEVELOPMENT OF CREDENCE : ANALYTICS

In Credence, Analytics is used as their system development. Analytics involves systematic data analysis to extract valuable insights for informed decision-making. It spans various fields such as business, finance, healthcare, and transportation, offering a versatile approach to problem-solving. The core of analytics lies on the data collected. Structured data along with external data from sources like social media, undergoes a process of collection, transformation, analytics and modeling. The final step involves prediction and visualization, creating comprehensible data representations for different departments.

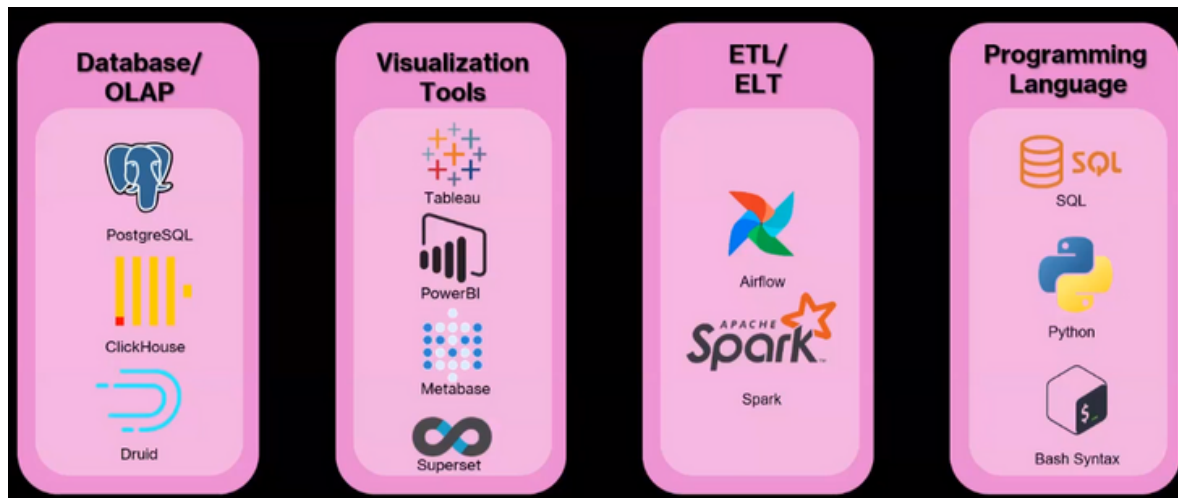


Career in Analytics:

- 1.Business Analyst
 - Business analyst are in charge of gather and presents data to meet customer needs, facilitating decision-making and supporting management requests.
- 2.Data Architect
 - Data architect will construct project processes, defines database types and creates architecture, presenting options to customers.
- 3.Data Scientist
 - Data Scientist conducts research on emerging technologies, assessing their viability and applicability to ongoing projects.
- 4.Data Analyst
 - Data analyst analyzes data using technical skills to combine and interpret multiple tables to derive meaningful insights.
- 5.Data Engineer
 - Data engineers are in charge to gather and prepare data for analysis then handles the majority of the data processing tasks and ensuring data readiness for analysts.

TECHNOLOGY AND TOOLS USED IN CREDENCE

In Credence, a lot of tools and technologies are used to improve their working efficiency and productivity. The incorporation of technology and tools within a company is indispensable for its sustained success and competitiveness. By embracing digital solutions, businesses can significantly enhance operational efficiency and productivity. Automation of routine tasks not only expedites processes but also reduces the likelihood of errors, ultimately contributing to streamlined operations.



REFLECTION OF EACH GROUP MEMBERS

ENNIS LAM SI HOONG

Over the next four years, the role of a system developer is expected to undergo significant evolution, driven by technological advancements and changing industry dynamics. Developers will likely witness the continual emergence of new programming languages, frameworks, and tools, necessitating a commitment to ongoing learning and skill development. This is why it is important for us to enhance our self-learning skills so that in the future we still have the basic skill to survive in the competitive era. Besides that, Security concerns will take center stage, prompting developers to prioritize the integration of robust security features and adopt best practices to safeguard sensitive data. The integration of artificial intelligence and machine learning into systems is anticipated to become more commonplace, requiring developers to acquire proficiency in these domains.

JASON JOEL JOHNNY

Credence's analytics culture fosters collaboration and growth through open communication and continuous learning, providing a dynamic environment for personal and professional development. In the next four years, if I were to become a system developer, I would prioritize hands-on experience and networking. Specialize, stay updated on trends, showcase skills online, seek mentorship, and actively apply for internships with passion and commitment to learning.

LIEW CHOON PANG

Through this talk, we are able to understand the career in analytics, including business analyst, data analyst, data scientist, data architect, and data engineer. We also learn about some workspace culture so we can have a idea of how our future career going to be. If I'm going to be a system developer for the next four years, I will focus on continuous learning and development. I should keep getting knowledge to expand my profession and enhance my skills by getting certification and e-learning. Collaborative learning is encouraged among coworkers, which improves the organization's overall knowledge base. Besides, I will focus on working as a team as effective teamwork is essential for prompt project delivery.

SOU CHENG JIE

In this enlightening talk, we are fortunate enough to understand the future landscape for IT professionals, highlighting key success factors: open communication, continuous learning, empowerment, and celebrating achievements. The workplace culture fosters team cohesion and improvement. If I become a system developer, embracing challenges and feedback is paramount for optimal results. Enhancing communication skills is essential for building a strong team. However, the most critical aspect is always willing to accept new knowledge, not only from books or articles, but also from others to make us a better person in society.

MOHAMMAD ZAKWAN ZUHAIKIE BIN MOHD ZAIN

In my opinion to be web developer I think we also need to focus on data collection skills because it empower web developers to design websites that not only look good but also function effectively, meeting user requirements and significantly impacting the success of their digital projects.