UNIVERSITI TEKNOLOGI MALAYSIA

INDUSTRIAL TALK 2 : SYSTEM DEVELOPMENT

@ CREDENCE (TM SUBSIDIARIY)

1. **INTAN SERINA BINTI ANUAR MUS [A23CS0085]**
2. **TAN KEQIN [A23CS0184]**
3. **LIM XIN ROU [A23CS0240]**
4. **UTHAYADARSHNI A/P PRAKASH   [A23CS5047]**
5. **ABID HUMAYRAA BINTI HARDISURA [A23CS0032]**

TALK BY:

MS. QISTINA BATRISYIA BINTI AZMAN SHAH

PROFESSIONAL, AI OPERATION
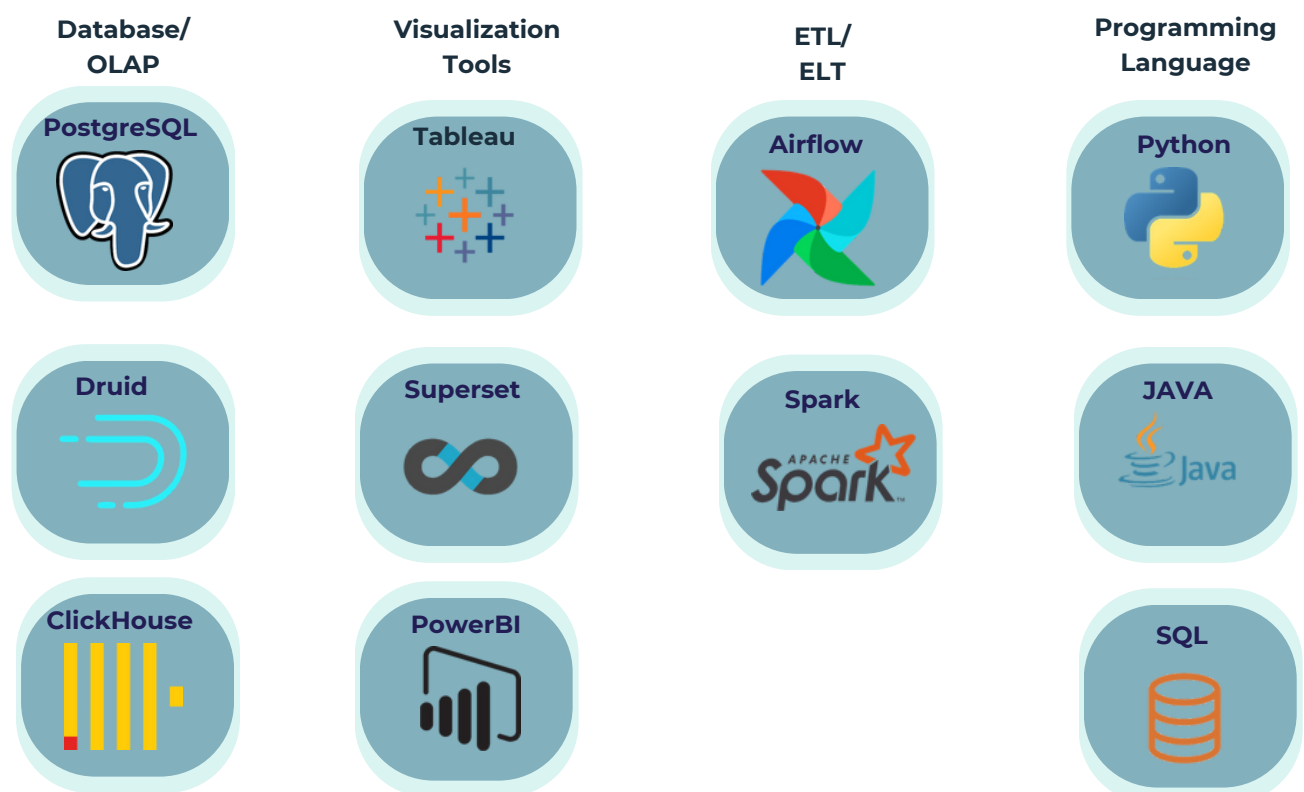
DESCRIPTION OF THE SYSTEM DEVELOPMENT

Credence, TM's digital services arm, leads TM's digital transformation, tailoring system development to clients' unique needs. They listen to client challenges, crafting bespoke solutions for strategic, goal-aligned digital transformations. Phased development involves constant client involvement, ensuring secure, reliable, and optimal systems. Post-launch, Credence provides ongoing support, recruits top tech talent for a dynamic, diverse workforce, ensuring high-quality systems for Malaysia's digital future.

HISTORY (THE START-UP OF CREDENCE)

Credence came into being because the telecom industry saw the rising importance of clouds and analytics and thought a company should be exclusively focused on these areas. They set up Credence as a free-based company, bringing together a team of experts to handle tasks for both internal and external customers. However, dealing with tasks from both sides posed its own set of challenges. The idea was to have a dedicated crew of specialists delivering and completing customer tasks, recognizing the growing significance of analytics and cloud services in the industry.

TECHNOLOGY AND TOOLS USED

The use of various tools and technologies across different stages is crucial for efficient and effective development as it aids developers in tasks. These tools encompass a wide range of software technologies, such as:

Database/ OLAP	Visualization Tools	ETL/ ELT	Programming Language
PostgreSQL	Tableau	Airflow	Python
Druid	Superset	Spark	JAVA
ClickHouse	PowerBI		SQL

TAN KEQIN

A system developer plays an important role in a software development company.To become a qualified system developer, I'll prioritize continuous learning in software development, staying updated on the latest technologies and methodologies. Attending workshops for hands-on experience, stepping out of my comfort zone to acquire new skills like effective communication, and seeking advice from experienced professionals will be key. I'm committed to lifelong learning and adapting my skill set to stay well-rounded in the IT field over the next four years.

UTHAYA DARSHNI

In my view, I would need a mix of education, hands-on experience and also life-long learning to become an efficient system developer. Since I am pursuing a bachelor's degree in computer science, my focus would be on learning basics of programming languages such as C++, Java, and Python as these are widely used in developing systems. Moreover, I can begin seeking for internships in my 3rd year of degree to gain real-world experiences. Ultimately, I would improve my programming skills by taking more harder projects and constantly participating in open-source projects to become a successful system developer.

LIM XIN ROU

Ms. Qistina's talk on her journey as a data engineering student and internship at Credence emphasized the challenges and rewards of pursuing a career. The presentation highlighted the importance of analytics in transforming data into valuable information, stressing collaboration within a team. I resonate with her advice on continuous learning and improvement. To prepare for the next four years as a system developer, I plan to engage in diverse projects and activities for personal growth and development in the field.

INTAN SERINA

From the insightful talk, I've gained a newfound understanding of system development's collaborative nature involving clients and developers. It's motivated me to pursue a strong academic foundation in computer science and engage in coding projects for hands-on experience. Attending workshops will keep me updated on tech trends. I aim to not only master technical skills but also develop essential soft skills like communication. The talk emphasized the importance of continuous learning in this dynamic field, fueling my goal to be a proficient and adaptable system developer.

ABID HUMAYRAA

Ms. Qistina provided insights into analytics, emphasizing its broad applicability, potential career paths, and a foundational process encompassing data collection, transformation, analytics modeling, prediction, and visualization. Inspired by this, my four-year goal is to evolve into a proficient system developer. I aspire to stay current with the latest tools and technologies, dedicating myself to enhancing my skills in system development and prioritizing the creation of user-friendly environments.