PRESENTED BY: MS. QISTINA BATRISYIA BINTI AZMAN SHAH

REPORT ON

SYSTEM DEVELOPMENT@ CREDENCE

TM SUBSIDIARY

Prepared BY:

LING LEE HOM

LEE XUAN YING
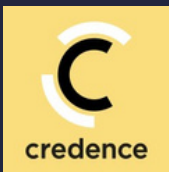
ISMAIL BIN ESA

NICHOLAS YEK EI ZHE
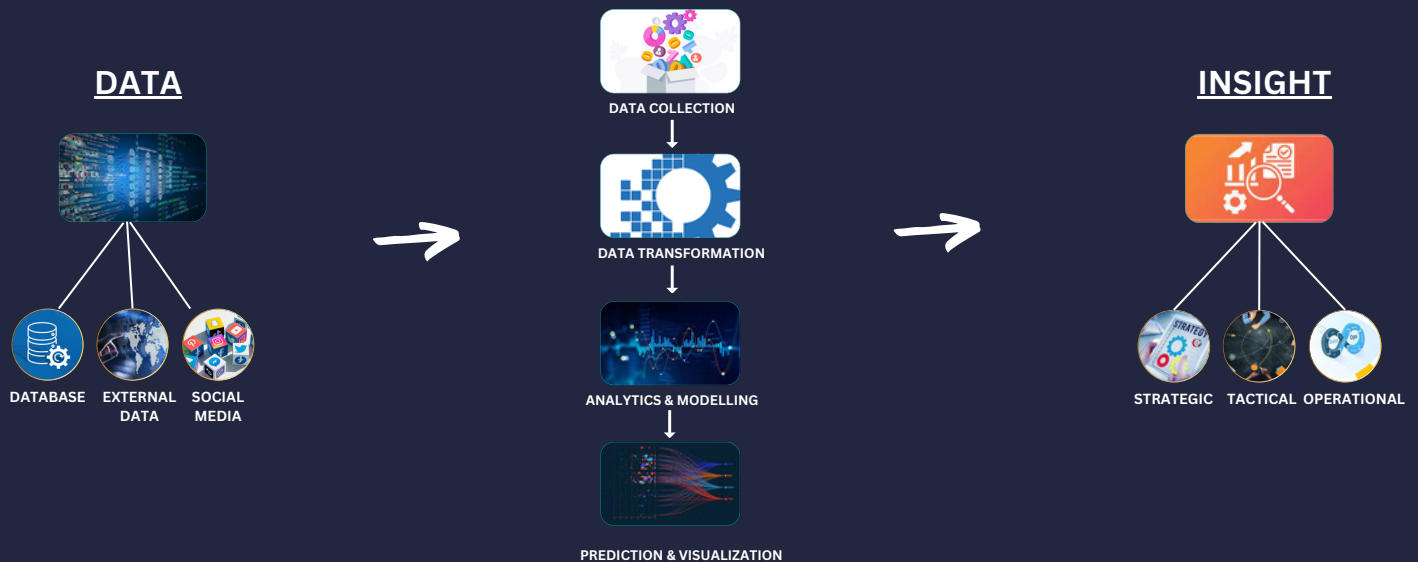
JUSTIN FAUZADANI AZKA

ANALYTICS

HISTORY

Credence is a a new cloud and digital services company focused on expanding the capabilities of enterprises and the public sector in their digital transformation journey. It was founded in July 2022.

SYSTEM DEVELOPMENT

DATA

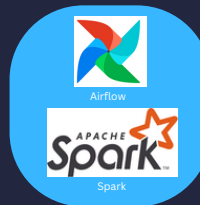**DATA COLLECTION**

DATA TRANSFORMATION

ANALYTICS & MODELLING

PREDICTION & VISUALIZATION

INSIGHT

DATABASE   EXTERNAL   SOCIAL
           DATA   MEDIA

STRATEGIC   TACTICAL   OPERATIONAL

TECHNOLOGY & TOOLS USED

DATABASE/OLAP

PostgreSQL   Clickhouse

Druid

VISUALIZATION TOOLS

Tableau   Metabase

PowerBI   Superset

ETL / ELT

Airflow

APACHE Spark
Spark

PROGRAMMING LANGUAGE

SQL

Python   Bash Syntax

REFLECTION

LING LEE HOM

The talk -System Development @ Credence which presented by Ms Qistina Azman, is a very helpful talk for me. Ms Qistina shared her experience about her job as an analyst with us. The talk guide me the path to become a good system developer for the next four year in University. First of all, I will get in touch with the information of new technology. Technology evolve every day around the world, keeping in touch with the latest technology let us being more competitve. Besides, I will also learn aand grasp the essential programming language, such as C++, C#, phyton and JavaScript. Mastering those programming language help me to mor easily to get into a variety realm, such as Web development, data analytics, game development and more. Lastly, I will always keep in touch with my senior as well as lecturer. I will humblely seek for guidelines from them about the knowledge in system information as well as their experience as a system developer.

LEE XUAN YING

In the next four years before aspiring to become a system developer, I will start by reading or watching materials related to a system in order to have more knowledge on how it works and give me a more general idea on the system. Then I will start looking up interview on different individual who have experience in this field, as their knowledge and experience will help to bring me into perspective of what is needed and required to challenge the field, I get to learn different tricks and mindset needed to be adjusted to be fit for the tasks. It also makes planning out the learning process easier as we get to use others' experiences as a reference on how we can proceed learning about system development. With this, I can start trying out the various technologies and application recommended, in order to have more practice with the programs, then I can start developing prototype to see what aspect of the system need to be improved and what error need to be fixed.

ISMAIL BIN ESA

Data ia a very important thing in today's world. Data is also everywhere and it becomes more important because it can be accessed by various people. Therefore, analytics can help us to make better decisions, resolve problems and gain a competitive edge. As an amtbitious person to become a system developer, I must be skilled in this field. So that, as an analyst, I have to have a strong understanding of data, mathematics and statistic. Other than that, it's also important to be able to communicate insights effectively to stakeholders. Also, I have to learn more about programming language to be more smart in debugging and so on. And because of that, I will be more understandable any problem that I have to face it.

JUSTIN FAUZADANI AZKA

AI and machine learning integration is vital. Integrating AI and machine learning capabilities into systems might become more commonplace, enabling predictive analysis, automation, and intelligent decision-making within applications.

NICHOLAS YEK EI ZHE

For the next 4 years, I will force myself to embreace new technology. System developers will likely continue to adapt to new technologies, frameworks, and tools to remain competitive. This might involve exploring advancements in cloud computing, edge computing, AI/ML, and distributed systems.