

INDUSTRY TALK 2
28 DECEMBER 2023

TECHNOLOGY AND INFORMATION SYSTEM
(SECP1513)



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

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INDUSTRY TALK 2

SYSTEM DEVELOPMENT @ CREDENCE
(TM SUBSIDIARY)

QISTINA BATRISYIA BINTI AZMAN SHAH
(PROFESSIONAL AI OPERATION)



GROUP 9:

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HISTORY:

Credence is a small company within Telecom Malaysia(TM) that established at 2022. Credence helps in understanding your technology landscape and align it to your business priorities, while highlighting the risks and rewards associated with the journey through their advisory services.

It is a company which provides a workplace which is open communication, continuous learning and development, empowerment and autonomy as well as celebration of success.

Description of the system development

Analytics refers to the systematic analysis of data to extract meaningful insights and make informed decision. It involves examining large sets of data to identify patterns, trends, correlations, and other valuable information.

Analytics can be applied in various fields, including business, finance, healthcare, sports, transportation and more.

All the data (database, external data, social media) are collected and transformed. Transformed data will go through analytic and modelling process which may help the next process which are prediction and visualization. Prediction and visualization process create the data into visualised form to be understand by people from different department. Lastly, the data processed can be used in insight such as strategic, tactical or operational.

Business analyst

- work with customer to gather all the information given
- fulfill customer requirements

Data architect

- construct the whole process of the project
- determine which type of database, visualization to be used,
- give solution to customers

Data scientist

- do finding and studies about new technology, to see whether it can be used in data processing

Data analyst

- analyzing data
- have a good skill in Python, SQL

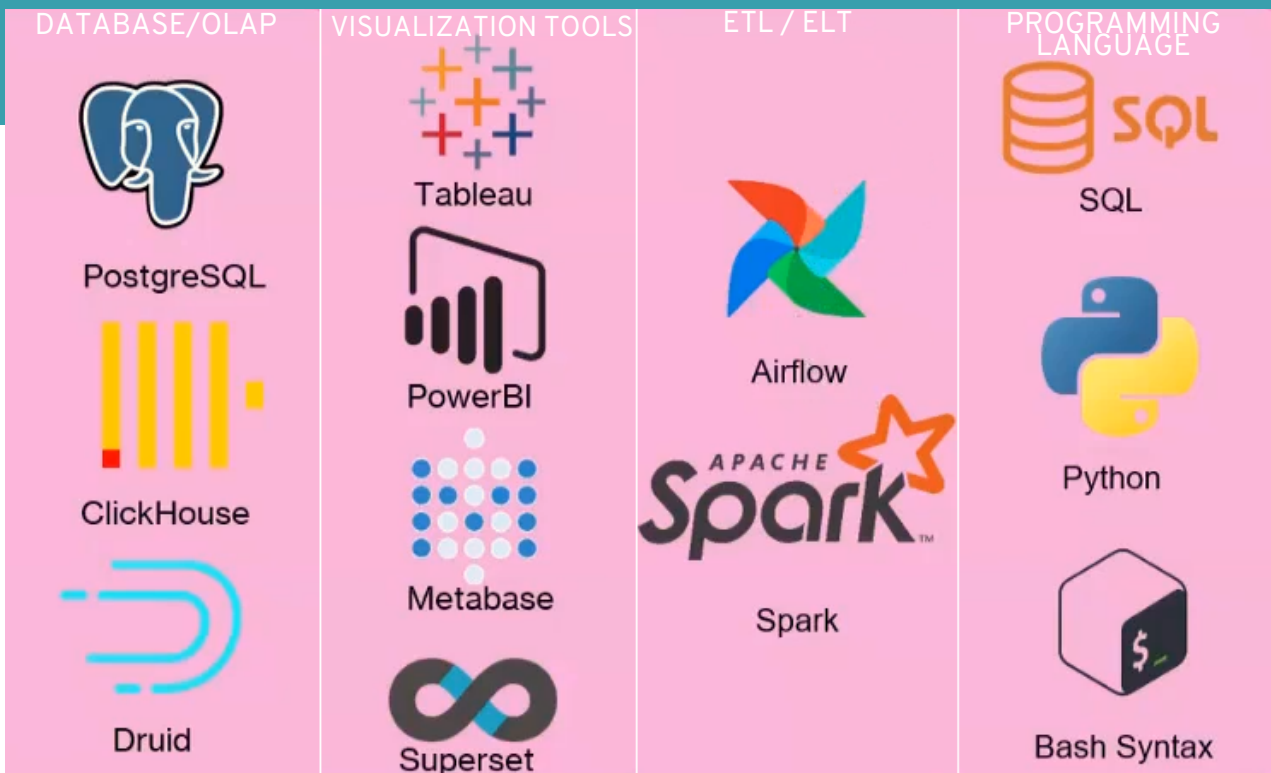
Data engineer

- do data gathering
- have a good skill in Python, SQL
- in charge in the process of data collection, transformation, analytic and modelling

BI Developer

- do data gathering
- focus on visualization
- use synthesized data to build meaningful dashboard to be used by the clients.

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↑ Technology and tools used ↑

REFELECTION

In order to become a system developer in the next four years. It is undeniably that working in a team is important to make the project done efficiently. This is because a project might need skills and techniques from different specialty and for sure the capability of a single person is rarely to meet the requirements requested by the clients. Hence, teamwork makes dreamwork. Moreover, it is good to master different technology and tools such as Python or SQL as these might bring benefits in the future.

To make sure that we can compete in future challenge , we need to work more and learn more to become an expert on every tool that link with system development . This is because it can help us while solving or do anything that related to system development.

To become a system developer in the next four years, we need to develop strong analytical and problem-solving skills which enabling us to tackle complex challenges efficiently and also deliver effective solutions. Moreover, we also need to be expert in our programming languages, frameworks, and tools in ensuring us to become innovative when developing system.