



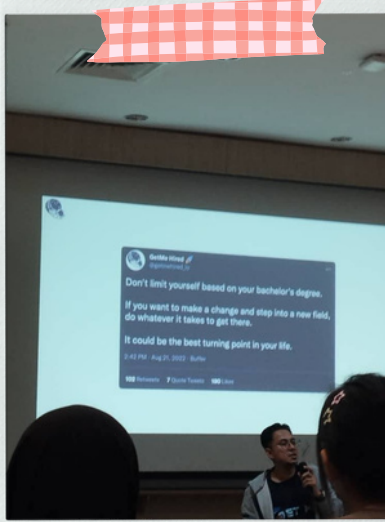
Career Development

By Habib (GetMe Hired) & Pittsburgh Plate Glass (PPG)

Sneak peek of the career development session



By Mr. Saharulnizam
(Data engineer of PPG)



By Mr. Habib (Co founder of
GetMe hired)



By Mr. Zamarul Kamal
(Data engineer specialist
of PPG)

Key Point from HR Department of PPG



- Need to be able to speak in front of other people
- PPG takes a really good care of their employee from A – Z and they treat us like family.
- Always have a good connection with the community (Colourful communities program).

Attitude and Mindset needed

- Curious
- Adaptable
- Open-minded attitude
- Eagerness to learn
- The role of a positive mindset
- Participate in discussions, ask questions, and seek advice from experienced professionals.



Way forward



- Increase communication skills especially in English language
- Increase programming skills
- Increase SQL skills
- Increase teamwork skills
- Have a dedication in doing works



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Introduction

Career development is a process of self-knowledge, exploration and decision making in choosing the best career that suits our personality and interest. This career development session is really important to be held especially for the undergraduate student because it could give them motivation, discover their strength and help them making the decision whether to continue in their field they're right now or not.

The things needed for job hunting.

- Prepare for a good resume (advised not to use the infographic resume as it could limit your resume points and marks because big company they use ATS system to read our resume)
- A degree that are related to the applied position could increase the opportunity of getting it.
- Join a lot of activities as it could increase the soft skills.
- A portfolio and recommendation letter also suggested to be needed.
- Starts as early as possible because as the competition get even harder days by days.



Skills and qualifaction needed for data engineer :-

- Importance of technical skills (SQL, Power BI, Python, Java, Scala)
- SQL Skills (IMPORTANT because they will test our skills during the interview!)
- Data modelling
- Visualization skills using BI Tools
- Programming skills



What did data engineer do?

- **Data validation and testing** = ensure data entered the system is reliable, accurate and in correct format because if its not, error, data loss and corruption could happened.
- **Data transformation and integration** = covering data from one format to another format for further processing, analysis and integration.
- **Pipeline monitoring** = ensuring the quality of the data from the beginning till the end of the journey.
- **Pipeline Development** = sequence of components that automate the collection, transformation and processing of data from a source to its destination so that the data arrives to the businesses can be fully utilize.
- **Documentation preparation** = the report that needs to be present to the client.

Reflection

As days goes by with all the modern technologies that are keep on improving, all company wants to grow their company to a higher level and they want their company to always get chosen among the communities. Therefore, to catch up with the technologies, ICT department is really needed in order to produce an innovation output, a very good work and outcome for the company, and achieve company goals. ICT also really important to the industry nowadays because everyone is using digital device. Therefore, everything needs to be online because it makes people lives easier and convenient to communicate and make businesses from all over the world.

Summary

PPG is such a high end company and they always want to be better in order to protect and beautify the world, therefore they always wanted to hire the best among the best people that are have the eager to work and learn, have a positive mindset and able to work with people from a different background. In order to be the best among the best people needs an outstanding resume, therefore the points that needs to be written later on have to start achieving it by now. Not only that, I also got more exposure on what data engineer could do in the company, such as their process and timeline on succeeding in certain project.

Resources

- <https://bigeval.com/dta/data-validation-testing/>
- <https://coresignal.com/blog/data-transformation/>
- <https://www.acceldata.io/article/what-is-data-pipeline-monitoring>
- <https://www.striim.com/blog/guide-to-data-pipelines/>