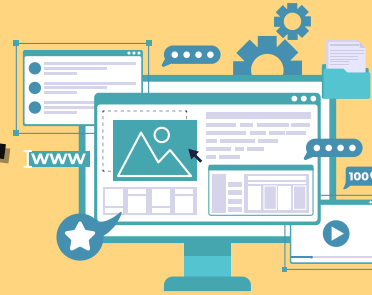




# CAREER DEVELOPMENT



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## INTRODUCTION

From the talk on 28 October 2023, PPG members provided us with an overview of PPG Industries' history. Pittsburgh Plate Glass, or PPG, is a corporation that was established in 1883. PPG Industries is a well-known, globally-reaching maker of paints, coatings, glass, fiber glass, specialty materials, optical products, and chemicals. PPG, which has its global headquarters in Pittsburgh, Pennsylvania, USA, operates in more than 70 countries worldwide. Malaysia is one of the PPG Global Technology Centers. Also, PPG has more than 140 manufacturing sites and equity affiliates.

Mr Habib, a Chief Operating Officer at GetMe Technology PLT, presented us to GetMe Hired during the talk on October 23, 2023. GetMe Technology PLT is an innovative company that focuses on improving and upgrading the job-seeker experience.



## EXECUTIVE SUMMARY

In short, as the world progresses toward big data, data engineer certification will be able to handle and exploit it in order to make correct forecasts. Data engineers can improve the accuracy of machine learning and data models by providing well-governed data pipelines. Data Engineers are responsible for developing and maintaining the systems and infrastructure that support data-driven decision-making.

To become competent data engineers, we must be enthusiastic to learn and work hard to achieve our everyday tasks. We must also maintain a good attitude in order to overcome obstacles. It is because, everyone has a specific job to do and every day is a challenging day. The objective is to ensure that the IT system especially the network system is of high quality.



## CONTENT OF TALK

Mr Saharulnizam Hakimy Shobri, a Data Engineer Analyst from PPG, shared his interview experience while completing his industrial training at PPG. He informed us that there are numerous opportunities to make an effect in this organization, particularly if you are interested in IT technology. You can also be open to exploring new technology and being involved as a full-time employee. The ideal experience is being able to deal with Big Data while using a top-of-the-line tool from Microsoft Azure. In addition, we may meet some nice and sympathetic people. It is because the team works together to solve problems. The factory is controlled by a combination of ideas and information. Many communities and cultures enjoy working together as one big family here. We additionally gain knowledge about technical skills such as SQL, data modelling, visualization utilizing BI tools, and programming, which will be useful in our future careers. In addition, we learned about the typical responsibilities of a PPG data engineer analyst. They'll perform some production support tasks, like keeping an eye on ETL pipeline jobs. In order to confirm the data count and data sanity, they will also perform data validation and verification.

Mr Habib intends to help us succeed by providing Professional CV Writing, Professional CV Templates, coaching, and career-related advice. He taught us the 9 Must-Haves for our CV/Resume as well as the most typical Job Search Mistakes.



## WAY FORWARD

- Data collection and analysis from multiple sources have eliminated the need to take high-stakes risks. A corporation may identify which path will result in the best business outcomes and will assist it in identifying new possibilities along the way.
- Data engineers play a crucial role in converting unprocessed data into valuable and practical insights, guaranteeing data accuracy, and promoting data-informed decision-making.
- The operation in a variety of fields like manufacturing be more efficient.



This career presentation leads us to the conclusion that **data engineering** is a crucial field in the Information Communication Technology (ICT) sector that helps businesses efficiently handle, process, and utilize their data assets. Structured data storage that is ideal for reporting and analytical processing is made possible by data warehouses. Data lakes, on the other hand, support a variety of data forms and kinds, enabling flexible and exploratory analysis. Here, data engineers create and put into practice data warehousing and data lake solutions, giving ICT companies centralized, scalable repositories for their data. Applications for machine learning, advanced analytics, and effective data retrieval are made possible by these storage options.

Also, it's important to choose a reputable company for our industrial training. This is due to the fact that employment in the data field can help us develop our soft skills and teach us a lot of unconventional knowledge. For example, we can practice verbal communication and presenting abilities, as well as learn how to apply them to problem-solving and decision-making.



## 9 MUST-HAVE ON YOUR CV/RESUME

- ★ Contact information
- ★ Career objective/ summary
- ★ Education background
- ★ Professional experience
- ★ Extracurricular activities
- ★ Personal/ academic projects
- ★ Core skills/ competencies
- ★ Awards & honors
- ★ References



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