

Title : The Data Engineer Learning Path

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ABSTRACT

This research aims to study the data engineering process to meet the increasing demand in the IT labor market. Today, organizations increasingly need to use data to drive decision-making and operations, resulting in a need for personnel with expertise in managing data effectively. This study selected Apache Airflow, an open-source tool for managing ETL (Extract, Transform, Load) processes, because it is popular and widely used in leading organizations. The selection of this topic and tool allows for study and learning without the need for internal company data, which avoids the disclosure of potentially confidential information. The results of this research will increase the understanding of the data engineering process and the use of Apache Airflow, which is beneficial for the development of professional skills in data engineering and can be applied in real work in the future.

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