

DS 5110 - Final Project

Team Formation and Topic Description

Topic Selection:

Developing a data integration pipeline to combine data from multiple sources into a unified format.

Why this Topic:

This topic is broad in scope, with numerous applications, especially in the field of IoT, where we deal with data from multiple devices. It is also a highly flexible project that can facilitate integration between databases, machine learning models, web applications, etc; thus, covering major aspects of data science, including data collection, cleaning, feature engineering, and storage.

Team or Individual Work:

This project will be an Individual work done by **Rohith Kumar Senthil Kumar**.

Roles and responsibilities:

- Research and development on designing a pipeline architecture for data ingestion, processing, storage and accessing
- Quality Assurance, testing and validation
- Documentation of methodologies and results