Data Engineering essentials using SQL, Python, PySpark

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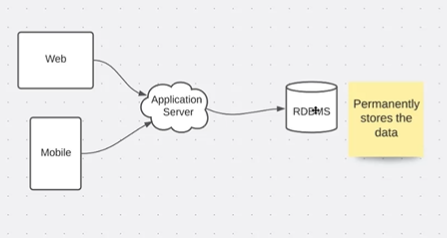
**Section 1: introduction**

11/06/2023

**Section 2: Getting Started with SQL for Data Engineering**

1. Setup postgres and pgAdmin (IDE)
2. To understand architecture of a Mobile application:

* Consider a retail application.
* Data have to be permanently stored in RDBMS
* The data will be stored in the form of tables in the database.
* Web and mobile will not interact with database directly, it will need application server
* Application server will take care of processing data and that will be rendered to the web, this is a typical mobile application architecture.



1. There are different types of databases available like Oracle , Mysql, Postgress, MS SQL server Sybase these are all RDBMS where as Snowflake, Databricks, Teradata, GCP BigQuery , AWS Redshift, Azure Synapse these are all data warehouse technologies.