Data Engineer Bootcamp (Full-Time)

HM
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Notes

WeCloudData

Data Engineering Diploma

Content developed by: WeCloudData Academy

Mandatory: Yes
Group: No
In Class: Yes
Submission: No
Grading: No

Detail Guide

DBeaver is a SQL client software application and a database administration tool. We can use DBeaver to connect various types of databases and data warehouse.

Windows

Download Windows version from Here.

Mac

- Download Mac for Intel version from Here.
- Download Mac for M1,2 version from Here.

All
Lecture
Recordings
Practices
Chapter
Program Information
Chapter
Surveys
Chapter
Week 00 (Virtual)- Program Preparation
Chapter
Week 01 - SQL
Chapter
Week 02 - Python
Chapter
Week 03 - Client Project
Chapter
Week 04 - Linux and AWS
Chapter
Week 05 - Docker and Client Project phase 2
Chapter
Week 06 - Data Warehouse
Chapter overview
Sunday - Snowflake Data Warehouse
[Lecture Material] Snowflake
[Lab- W601]: Software Installation: DBeaver
[Lab-W602]: Account Creation: Snowflake
[Lab-W603]: Software: Connect Snowflake with DBeaver
[Lab-W604]: Exercise: Snowflake
Monday - Data Warehouse Intro
[Lecture] Data Warehouse Intro
[Quiz-W611] Data Warehouse Concept (Grading!!)
[Lab-W612] Exercise: Use SnowSQL (Optional)
Tuesday - SQL in ETL
[Lecture Materials] SQL in ETL

[Lab] TA Exercises Review

Wednesday - Data Modeling and ETL

[Lecture Material] Data Modeling and ETL

[Lab-W631] Exercise: Data Modelling and ETL (Group)

Thursday - Data Loading

[Lecture Material] Data Loading

[Lab-W641] Exercise: ETL and Data Loads (Group)

[Lab- W601]: Software Installation: DBeaver