

Data Engineer Bootcamp (Full-Time)

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Notes
Downloads



WeCloudData

Data Engineering Diploma

Content developed by: WeCloudData Academy

Mandatory: Yes

Group: No





In Class: Yes

Submission: No

Grading: No

Demo: Yes

1. Create a database called "TPCDS",
2. Create a schema called "RAW";
3. In your schema "RAW" create a table called "inventory" with the columns and data type like this:

NAME ↑	TYPE	NULLABLE	DEFAULT
 INV_DATE_SK	# Number	No	NULL
 INV_ITEM_SK	# Number	No	NULL
 INV_QUANTITY_ON_HAND	# Number	Yes	NULL
 INV_WAREHOUSE_SK	# Number	No	NULL

4. In your schema "RAW" create a table called 'cities'.

5. Install SnowSQL CLI on an EC2 instance, and create a connection called 'wcd' in snowflake's CLI config file.
6. Copy the data 'cities.csv' ('cities.csv' file can be downloaded from the DOWNLOADS TAB) into snowflake table from a local stage.
7. Create an S3 Integration and stage.
8. Copy the cities table from Snowflake to S3 in '.csv' file as name 'cities_new.csv'.

[Course Content](#)

Enter code



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 \(Group\)](#)



[\[Lab-W604\]: Exercise: Snowflake](#)

