

LAB04 – WRITE UP ANSWERS

1. What is the value of SQLAlchemy?

SQLAlchemy is a Python abstraction which makes it easier to interact and communicate with databases using SQL. So no matter what database you're interacting with, you use the same commands as SQLAlchemy is database agnostic and gives full SQL and Python flexibility.

2. What is a model?

Model is a class which represents a table or a collection of tables. It is a base class for SQLAlchemy for declarative base model. It behaves like a regular python class but the query attribute can be used to query the model.

3. What is a view?

Views are like virtual tables and can be created by selecting fields from table/tables in the database. A view also has rows and columns as they are in real table. We can include or exclude rows from view based on conditions.