

Data Management and Artificial Intelligence Homework 7

Task 1 *Loading data into SQLite*

In Task 1 and Task2, you will again deal with the six airport-based CSV files from Lab class 3. Load all six CSV files into a SQLite database and save the database as *airports.db*. Load each CSV file into a pandas dataframe first and then import the dataframe into the database by using the dataframe's member function *to_sql()*.

Task 2 *Simple SQL queries*

For each of the following query, simply print the results and count the total number of results.

1. Select all airports in China, only show their full names.
2. Select all airports associated to municipality London, only show their IATA codes.
3. Select all airports which have scheduled flights.
4. Select all airports in continent South America.
5. Select all large airports in Florida (*regions.csv* is needed to obtain related information).
6. Select all runways for airport with ident ZBAA.