

In-class exercise, week 2

This exercise covers knowledge in chapter 8. The background is that you are a data engineer responsible for the AI team and analyze the response data from an AI model doing reading comprehension.

Follow the tasks below:

Task 1

You are asked to create a database with:

- a schema called *staging*
- a table under the schema, called *squad*

Use the file *validation.csv* from [kaggle](#) to ingest rows into table. [Here](#) you can learn more about the background of this dataset.

Task 2

Find rows that do not contain the *title* column value in the *context* column value.

Task 3

Find rows that start with *title* column value in the *context* column value.

Task 4

Create a new column which is the first answer of the AI model. Do not use pattern matching in your query.

Task 5

Create a new column which is the first answer of the AI model. Use pattern matching in your query.