

Home assignment

CRUD

Self-study

You don't need to submit this task for review.

Watch the video lessons to complete this task. You may ask your mentor's help via chat if you have any questions.

You can check the answers [here](#).

Learning outcomes

You will be able to:

- ✓ create a table using postgresSQL
- ✓ import data into pgAdmin
- ✓ clean data using CRUD operators

Dataset

Startup_unicorns.

What you need to do

- We will be working with data on unicorn companies. The term unicorn refers to a **privately held startup company with a value of over \$1 billion**. Our goal is to prepare the data for future analysis.
- 1 Create a table *unicorns* in pgAdmin.
 - 2 Import the dataset.
 - 3 Replace a slash / with a dash - in the *date_joined* column and change the datatype to *date*.
 - 4 Column *last_valuation* consists of the symbol \$ and the actual value separated by a space. Clean this column:
 - a Create a new column *last_valuation_upd*, select *text* datatype.
 - b Fill this column with the numbers from *last_valuation* column.
 - c Change the data type of *last_vauation_upd* to *numeric*.
 - d Drop the old column *last_valuation*.
 - 5 Create a new column called *rank*, which will store the rank of the company based on its last evaluation. Fill it with the following values:
 - a *low* for companies whose income is up to \$10 billion.
 - b *middle* for companies whose income is between \$10 and \$20 billion.
 - c *high* for companies whose income exceeds \$20 billion.
 - 6 The only country that is of our interest is *United States*. Create a new table called *us_unicorns* that will store records of startups from there.
 - 7 Column *city* contains cities from different countries: *Tokyo* and *Dublin*. Remove these records from the *us_unicorns* table.

Tips and Hints

- ✓ Check twice before updating or removing any columns. If you accidentally dropped the needed column, remove your table and do the importing again.
- ✓ Highlight the query which you want to run to avoid running all queries in the *query tool*.
- ✓ Keep in mind that dates containing a slash character / can't be loaded as date *data type*.
- ✓ Refresh the database if a new table doesn't appear in the list.

You don't need to submit this task for review.

Watch the video lessons to complete this task. You may ask your mentor's help via chat if you have any questions.

You can check the answers [here](#).