VizIt™ User Guide

Documentation of the webpage prepared for the course *Python and SQL: intro / SQL platforms*

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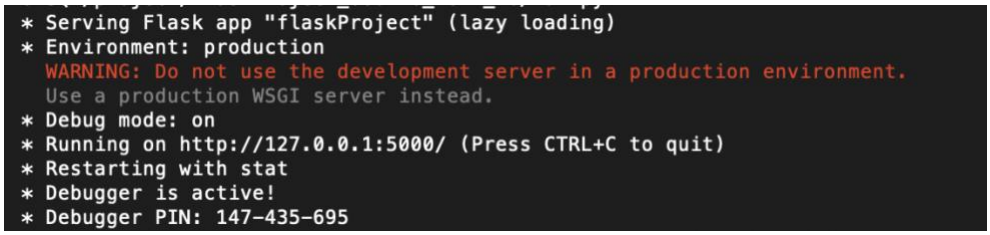
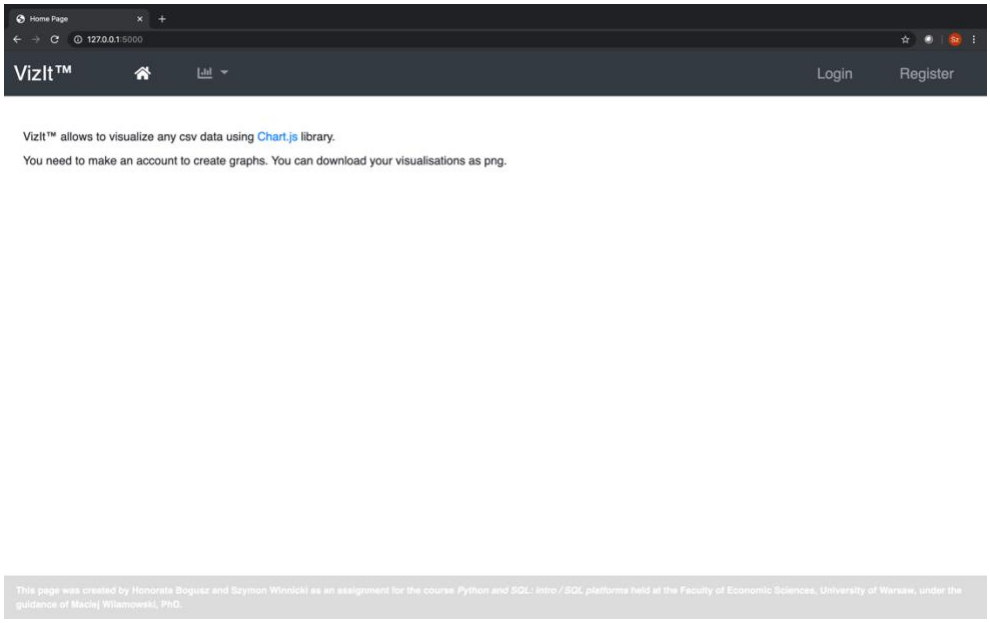
1. To start the website locally:
    a. Open Terminal application
    b. Type in: python3 <filename>
        i. <filename> is a path to the file ‘run.py’ on your computer
    c. After running the command, the output should be similar to the photo below

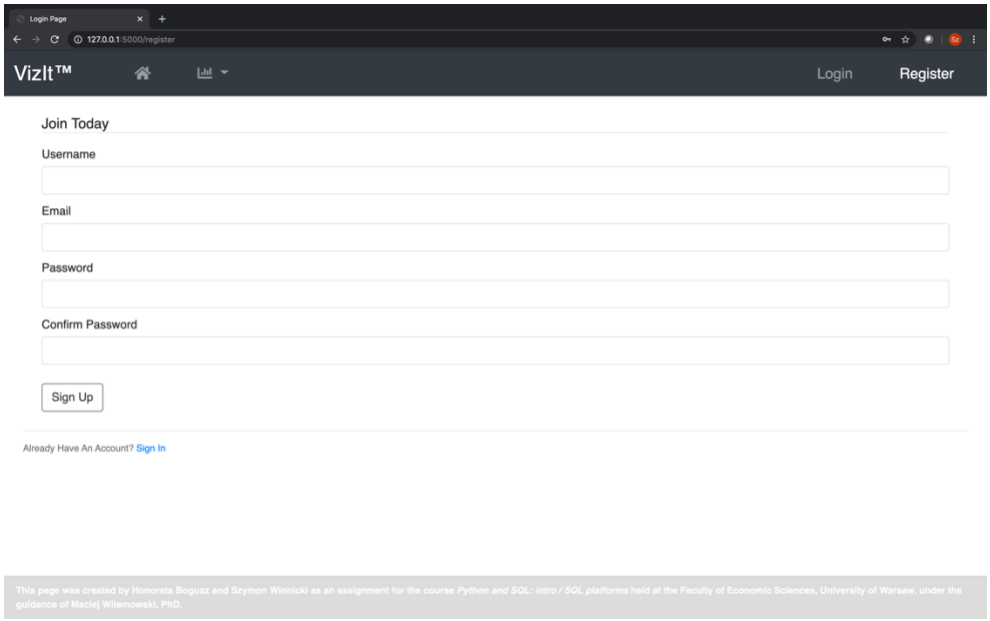


2. To open our web page, open any web browser (Google Chrome is preferred) and type in ‘http://127.0.0.1:5000/’
    a. The website should look like on the photo below

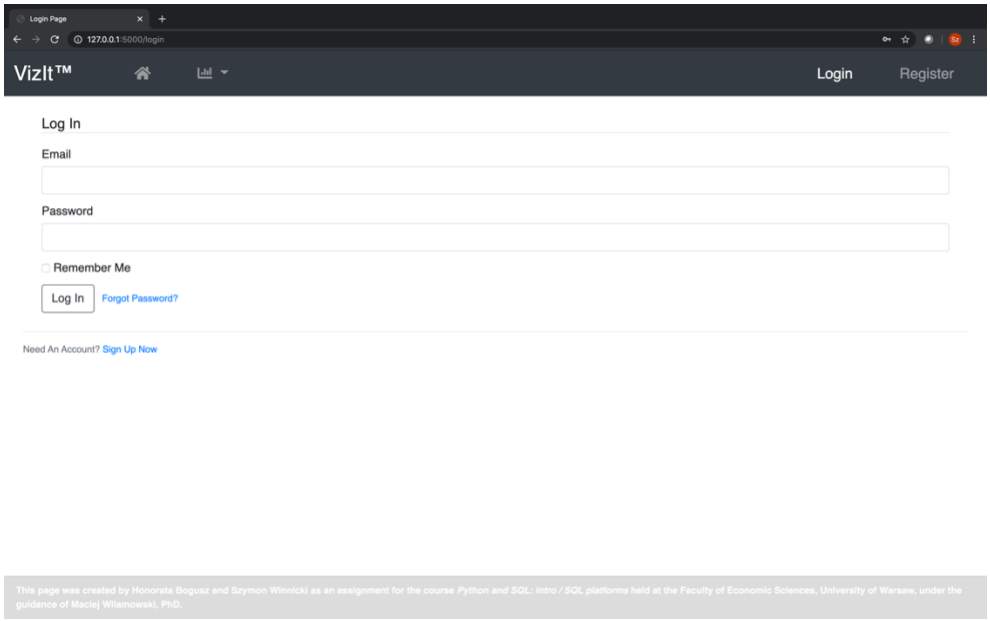


3. In order to be able to create graphs, you need to login/register first. If you already have the account, click on the ‘Login’ button in the top right corner and go to point 5. Else click on ‘Register’ button in the top right corner and go to point 4.

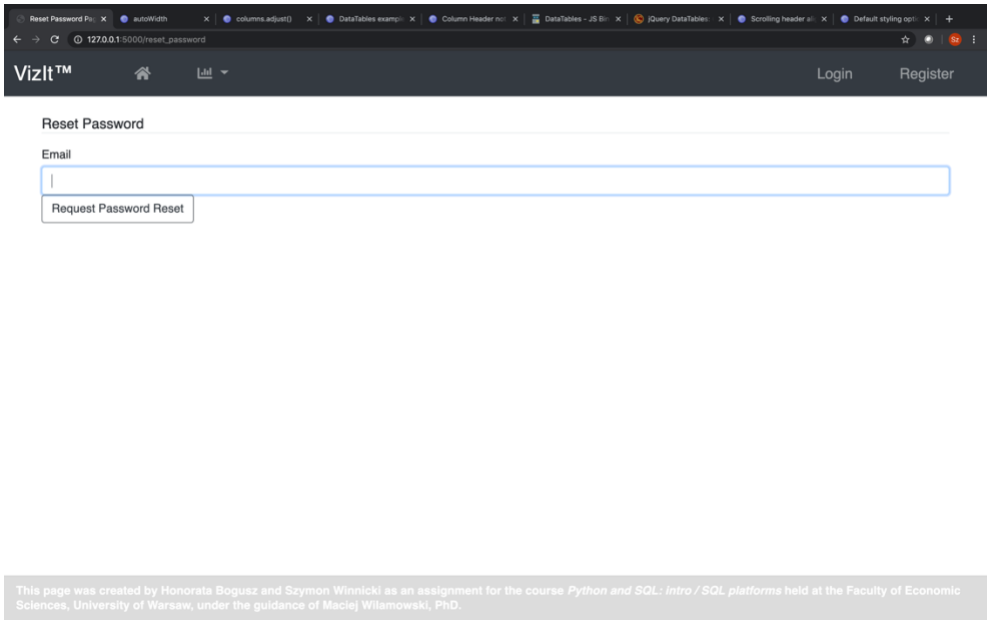
4. The register page should look like on the photo below. Fill in all of the details and click the ‘Sign Up’ button. You will be redirected back to the home page.



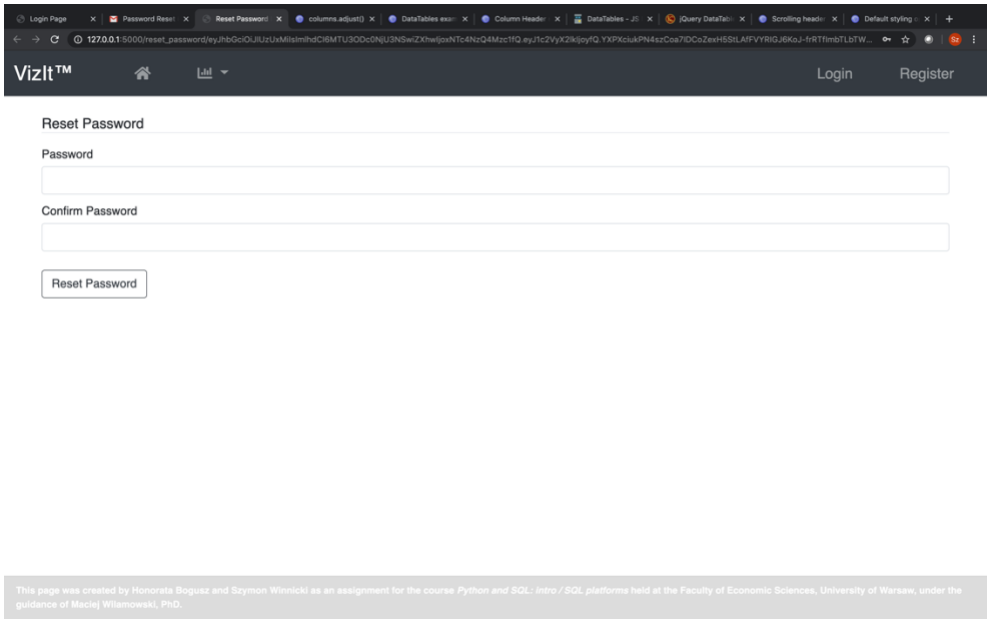
5. The login page should look like on the photo below. Fill in all of the details and click the ‘Sign Up’ button and go to point 7
    a. In case you have forgotten your password, click on the ‘Forgot Password?’ button and go to point 6.



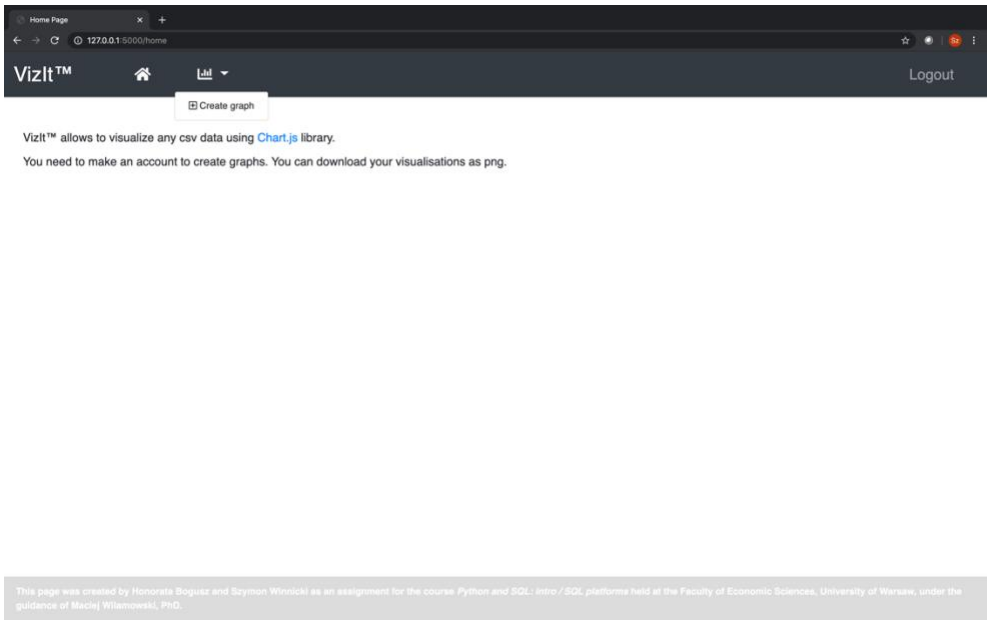
6. Type in the email connected to your account.



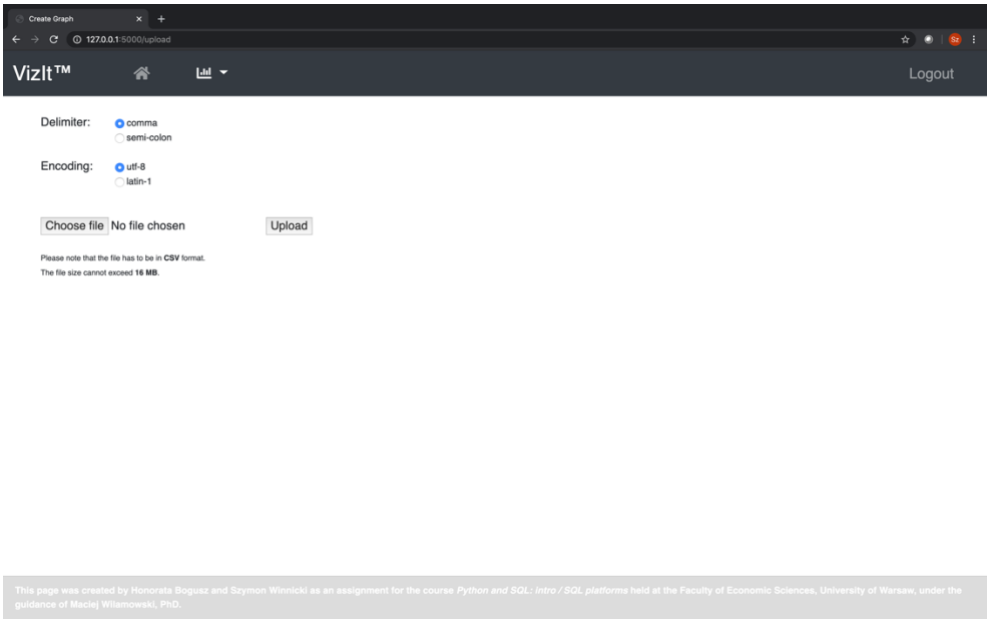
Shortly, you should get an email with link that allows to change the password.



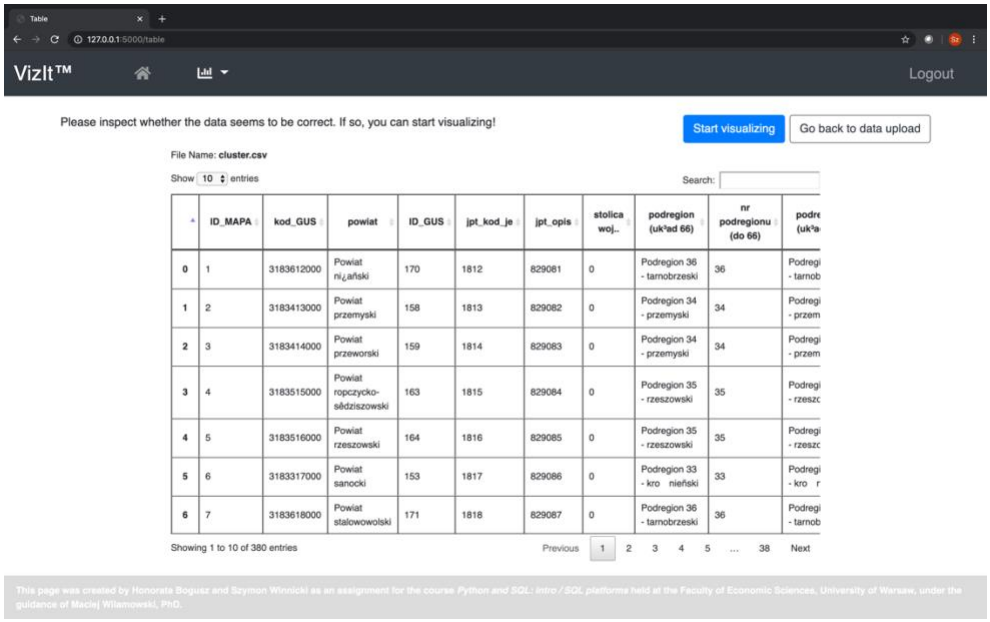
7. Now you should be logged in and able to create graphs. To start, click on the graph icon in the top left corner and click on the ‘Create graph’ option in the dropdown menu.



8. On the next page, you need to provide the csv file with the data to be visualized.
    a. Specify the delimiter (only ‘,’ and ‘;’ are currently supported)
    b. Specify the encoding (only utf-8 and latin-1 are currently supported)
    c. Choose the file
    d. Upload the file



9. On the next page, you will see a table with the uploaded data. Please inspect whether the data seems to be correct. If so, you can start visualizing. Else, you can go back to the data upload page.



10. You can start the visualization now
    a. On the top navbar, please select the graph type
    b. In the *i* button, you can see some useful information about data types for each of the graphs
    c. Select X and Y axis dimensions/measures
    d. If you have selected a dimension, select aggregation type and sort.
    e. You can download your graphs by clicking on the 'Download png' button