

1.

Double-click here for the solution.

Problem 3

What is the maximum value of hardship index in this dataset?

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Double-click **here** for the solution.

Problem 4

Which community area which has the highest hardship index?

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Double-click **here** for the solution.

Problem 5

Which Chicago community areas have per-capita incomes greater than \$60,000?

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Double-click **here** for the solution.

Problem 6

Create a scatter plot using the variables <code>per_capita_income_</code> and <code>hardship_index</code>. Explain the correlation between the two variables.

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Double-click **here** for the solution.

Conclusion

Now that you know how to do basic exploratory data analysis using SQL and python visualization tools, you can further explore this dataset to see how the variable per_capita_income_ is related to percent_households_below_poverty and percent_aged_16_unemployed. Try to create interesting visualizations!

Summary

In this lab you learned how to store a real world data set from the internet in a database (Db2 on IBM Cloud), gain insights into data using SQL queries. You also visualized a portion of the data in the database to see what story it tells.

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