Missy Zhang

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SELECTED PROJECTS

Toronto Crime Data Visualization and Analysis, course project, 2023

- Gathered crime rate data in Toronto neighborhoods from Open Data Toronto
- Utilized R statistical programming language, including tidyverse, tidyr, and dplyr packages, to manage and analyze data
- Created figures and tables with ggplot2 and kableextra packages
- Found that crime rates in different categories showed varying trends over the years, but crime rates did not vary directly with population size

Old Industrial Bases Innovation Analysis, research project, 2022

- Collected and organized documents to write thesis analysis reports
- Gathered and analyzed data with Stata, R and QCA
- Drafted a analysis thesis and gave presentations on key points
- Collaborated with students and researchers across different disciplines

Effectiveness and Visibility in Data Visualization, *report, 2023*

- Utilized R programming language and WDI package to retrieve GDP growth data
- Created a line graph with ggplot2 and adjusted the graph to be more effective
- Created a map of low-carbon energy generators in London in 2011 using ggmap
- Highlighted the importance of considering who is included and excluded in data visualizations, and how this can impact the interpretation of information

WORK EXPERIENCE

Huaxin Real Estate — *Accounting Intern, winter 2021*

- Researched cost-saving strategies and made recommendations
- Prepared monthly and quarterly financial statements
- Analyzed financial data and identify discrepancies in accounting records
- Collaborated closely with sales, marketing, and human resources

EDUCATION

University of Toronto, Toronto— *Bachelor of Information, 2022-2024*

Focusing on Data science

Shandong University, China— *Bachelor of Business Administration, 2020-2022*

Majoring in Accounting

SKILLS

Data Farming · Data Visualization · Quantitative Data analysis · Qualitative Data analysis · Survey · Interview · A/B Testing · Marketing · Business Analysis

TOOLS

Stata · R · MySQL · SPSS · Qualitative Comparative Analysis (QCA) · Python · MS Office · G Suite · Miro · Editor X · Visio · Figma

LANGUAGES

English · Mandarin