Ruizhe Huang

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SUMMARY OF QUALIFICATION

- Solid understanding of statistical inference, experimental design, and analysis
- Proficient coding skills in R, data analysis and visualization with ggplot
- Enthusiasm for clean code and sharing reproducible results
- Communication skills to work with partners, deliver professional solutions to solve the problem

EDUCATION

University of Toronto   **Toronto, Ontario, Canada**
Bachelor of Science (Hons)   Expected Graduation: 2023
- **Major:** Statistics **Minor:** Economics & Mathematics

PROFESSIONAL EXPERIENCE

Lu Studio   **Shanghai, China**
Teaching Assistant   2020/07 – 2021/06
- Supervise and tutor the students to complete the assignments (TOFEL/SAT) and write the feedbacks of students' learning status
- Leadership skills to help students to develop time management skills on appropriately allocate their time to complete the assignments
- Help students to improve their English vocabulary by correcting their pronunciation and spelling
- Develop the strategy for writing critical feedback and communication skills with clients

RELEVANT PROJECTS

An analysis: Prediction of proportion for voting Canadian Liberal party   2021/11
- Use age, gender, religious affiliation, and household size to predict the proportion of voters who will vote for the Liberal party in 2019
- Lead team to do the background research, report writing and data analysis
- Use the method of post-stratification and logistic regression model in R studio

An analysis of what factors have a relationship with bridge condition index   2021/12
- Investigate which variables could have a relationship with the bridge condition index (BCI)
- Build manually selected linear regression model by automated selection and practical reasoning
- Perform model transformation and assess the model by using adjusted R squared, AIC, AIC corrected and BIC
- Check the model assumptions by residual plots and Normal Q-Q plots
- All analysis performs in R studio

EXTRACURRICULAR ACTIVITIES

UTCES, Member of Media department   2022/01 – present
- Maintain the official social media account to achieve auto-reply with keywords, add menu bar about cooperation and sponsor information
- As a result, push on clubs' cooperation and promotion across North America
- Post electronic sports game tournament and game recommendation articles contribute to attracting more subscribers from the target population such as current university students