Sebastian Sciarra

Data scientist

seb@sciarra.io ✉

Skills

R · SQL · Python · LaTeX ·
Bash · HTML · JavaScript ·
CSS · Machine learning · Data
science · Data visualization ·
Knowledge translation

🏛 Education

PhD, Industrial-Organizational Psychology
Sep. 2018–May 2023
University of Guelph

- Thesis title: "Is Timing Everything? The Effects of Measurement Timing on the Performance of Nonlinear Longitudinal Models"
- Conducted Monte Carlo simulation experiments using R in an AWS instance to evaluate the performance of structured latent growth curve models under several conditions

MSc, Psychology
Sep. 2016–June 2018
McMaster University

Honours BSc, Psychology, Neuroscience & Behaviour
Sep. 2012–June 2016
McMaster University

📋 Employment

Teaching Assistant
Sep. 2018–May 2023
University of Guelph

- Created R scripts for assignments and taught labs for the following courses in measurement and statistics:
    - PSYC 3290 (Conducting Statistical Analyses in Psychology)
    - PSYC 3250 (Psychological Measurement)
    - PSYC 6060 (Research Design and Statistics)
    - PSYC 6380 (Psychological Applications of Multivariate Analysis)
- Taught a variety of topics in statistics (e.g., regression with continuous and categorical [i.e., ANOVA] variables, p values, p hacking, effect sizes, factor analysis, latent variable modelling, etc.)

</> Data Science Projects

cobaltCV*
May 2023
R Package

- Created an R package for generating data-driven CVs and cover letters according to a customizeable template
- LaTeXcode was created to specify a template and R functions were created to easily generate CV entries

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*clickable hyperlink to the corresponding repository on my GitHub

sebastiansciarra.com 🏠

sebsciarra

Sebastian Sciarra

May 2023
Citizenship: Canadian

Sciarra · CV

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sebastiansciarra.com*   **Mar. 2023**
Personal website

- Used HTML, JavaScript, and CSS to create a personal website for writing blog posts
- Blog posts focus on statistics, machine learning, and coding by explaining technical details, providing demonstrations, and conducting simulation experiments

guelphdown*   **Mar. 2023**
R Package

- Created an R package for generating theses according to the University of Guelph formatting requirements
- LaTeXcode was created to specify a template, which included different formattings for the preamble, body, refences, and appendices
- An example of the formatting can be seen in my thesis

nonlinSimsAnalysis*   **March 2022**
R Package

- Created an R package automating the cleaning, analysis, and visualization of large data sets for my doctoral dissertation (e.g., 40 000+ rows)
- additional info

nonlinSims*   **Jan. 2022**
R Package

- Created an R package for simulation experiments in my doctoral dissertation
- Package allows the performance of structured latent growth curve models to be evaluated under several different conditions

Learning SQL*   **Mar. 2021**
Skill learning

- Went through 16 of 18 chapters from Alan Beaulieu's Learning SQL
- Topics include filtering, querying multiple tables, sets, grouping and aggregates, sub-queries, joins, transactions etc.

✺ Certifications

DataCamp courses   **June 2018–Aug. 2020**
Skill learning

- Completed 35 courses ranging from data visualization and writing functions to machine learning topics such as tree-based models and support vector machines. For a full list of the courses, see the relevant section on my LinkedIn here

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*clickable hyperlink to the corresponding repository on my GitHub

May 2023
Citizenship: Canadian

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Data scientist

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sebsciarra 🐙

Sebastian Sciarra 💼

18 May 2023

Recruiter Name
Organization Name
200 Bay St.
Toronto, ON M5J 2J2

Dear recruiter,

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

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Sincerely,

Sebastian Sciarra