DANA JENSEN

BSc Cognitive Science

Tel: 1 615 290 1562
Email: dana.jensen85@gmail.com
LinkedIn: https://www.linkedin.com/in/dana-evelyn-jensen/
Portfolio: https://au558796.github.io/au558796-2.github.io
GitHub: https://github.com/au558796
Freelancer: https://www.freelancer.com/u/Mandelbrot666

PROFILE

I earned my Bachelor of Science in Cognitive Science from Aarhus University in Denmark and The Australian National University. My education has a strong foundation using the scientific method, statistical analysis, and computer programming. I have worked on projects utilizing tools such as machine learning and agent-based simulations, as well as skills including web scraping, text data mining, and time-series analysis. I aspire to employ my talents in a meaningful position to drive my purpose and expand on my knowledge.

EXPERIENCE

BACHELOR THESIS
Aarhus University, Denmark, 2019

An investigation into the wealth distribution outcomes of two theoretical societies based on assumptions from Thomas Piketty's *Capital in the 21st Century* and Sunstein & Thaler's *Nudge*. This project utilized agent-based simulations coded in R.

RESEARCH PROJECT
Aarhus University, Denmark, 2018

A team project to examine whether the price of Bitcoin is influenced by herding behavior from media sentiment. This was measured using Cross-Sectional Absolute Returns and sentiment extracted from financial articles. This project utilized web scraping, sentiment analysis and opinion mining, trend and heard analysis, and Bayesian statistical analysis coded in R.

RESEARCH ASSISTANT
Aarhus University, Denmark, 2018

Responsible for collaborating with and supporting academic staff in developing a research grant application in the area of children's perception, attention, and cognition including experimental design, literature review, content editing, compilation, and editing of final copy.

EDUCATION

FOUNDATIONS OF APPLIED MINDFULNESS MEDITATION CERTIFICATE
University of Toronto, Canada, 2021-2022

Explores the history and practices of mindfulness and mindfulness meditation, traditional and contemporary medicine, as well as case and research-based practice.

EXCHANGE PROGRAM
The Australian National University, Australia, 2019

Optional elective as partial fulfillment for bachelor's degree. Courses include US Politics, Consumer Behaviour, Clinical Neuropsychology, and Introduction to Logic.

BACHELOR OF COGNITIVE SCIENCE
Aarhus University, Denmark, 2016-2019

Introduces fundamental theories of cognition and how to design and carry out investigations of the human mind, brain, and behaviour, including the statistical analysis of data and computer programming used to carry out experimental studies, as well as be critical of other experimental studies.

KNOWLEDGE, SKILLS, AND TOOLS

STATISTICAL ANALYSIS

T-test, ANOVA/ANCOVA/MANOVA, GLM, Factor & Principal Component Analysis, Multilevel Linear & Non-Linear Regression Models, Markov Chain Monte Carlo, Time-Series Analysis, Frequentist and Bayesian Analysis.

LANGUAGES

High Level of Proficiency
R, Python

Average Level of Proficiency
SAS

Introductory Proficiency
HTML, Excel

TOOLS

Machine Learning, Sentiment Analysis, Agent-Based Simulation, Web Scraping, Data Mining, Data Visualization, Data Wrangling, Pipelines, Natural Language Processing.

APPLICATIONS

RStudio, Git, Anaconda, PsychoPy, Spyder, Jupyter, Visual Studio Code, SPSS, MATLAB.

PERSONAL QUALITIES

- Strong and compassionate leader
- Incredibly cooperative team member
- Flexible, adaptable, resilient
- Extraordinarily fast learner
- Self-starter and independent worker
- Seamless multi-tasking and time management
- Observant, high attention to detail
- Polite, passionate, and full of life

REFERENCES

Available upon request.