

# Jacob Leiser

Recent Masters graduate (with Distinction) with a strong foundation in quantitative data collection and analysis within psychology and human behaviour pursuing a career in Data Science.

Glasgow, Scotland

07891621471

[jacob.leiser@gmail.com](mailto:jacob.leiser@gmail.com)

<https://www.linkedin.com/in/jacobleiser/>

## Projects

### **Investigating the Role of Genre in Language Processing and Comprehension:**

- Employed complex data collection measures to discover the extent to which genre (prose or poetry) influences the effect of grammaticality when reading text.
- Conducted extensive data manipulation to prepare data for statistical analysis. Subsequently use Generalised Linear Mixed Models in R with the aim of identifying any significant effects or interactions.
- Interpreted data and presented results to a varied audience of students and academics.

### **Examination of Shame and Early Maladaptive Schemas as Mediators of the Relationship Between Childhood Trauma and Severity of Alcohol Misuse:**

- I was the sole data collector for this NHS/Priory collaborative study. I recruited participants from the Priory Hospital addiction programme and assisted them in completing the battery of questionnaires.
- Interpreted the statistical analyses carried out by the head researcher and disseminated results and key learning points in a CPD presentation to priory staff members of a range of disciplines and professions.

## Education

### **Research Methods of Psychological Science, Distinction - University of Glasgow (Sep 2018 – August 2019):**

- The Masters course was very quantitative focussed with courses such as 'Data Skills for Reproducible Science', 'Statistics' and 'Research Methods of Cognitive Science'. I achieved a Distinction in this course.

### **Psychology BSc, 2:1 – University of Glasgow (Sep 2013 – May 2018):**

- I covered a wide range of courses in my undergraduate degree with my best grades coming in 'Statistics' (A2), 'Advanced Statistics' (A2), 'Sleep & Circadian Timing' (A4) and 'Cognitive Psychology' (A4).
- My dissertation was investigating the relationship between sleep quality and risk-taking. I edited pre-existing Python code in OpenSesame to the required specifics for the study experiment (Balloon Analogue Risk Task).
- Pearson correlations were conducted in R with no significant correlation between the two variables.

## Work Experience

### **Research Assistant - The Priory Hospital, Glasgow (May 2017 – May 2019):**

- I was the sole data collector for the previously mentioned Priory/NHS study. This was my first experience conducting research in a clinical environment and it was a very steep but beneficial learning curve.

### **Healthcare Assistant - The Priory Hospital, Glasgow (May 2017 – Present):**

- In this role I have had to quickly learn numerous new skills in a high-pressure environment. I have worked with 3 clinical groups: Addictions, General Psychiatry (primarily depression and anxiety) and Eating Disorders.

### **Waiter - Mark's Deli, Glasgow (November 2014 – Present):**

- I have vastly improved my time management and customer service skills in this role.

## Skills

R (Data Manipulation, Data Wrangling, Data Analysis, Data Visualisation)

Statistics

Git and Version Control