

Seán King

Summary

Analyst with 5 years of experience in quantitative research and statistical modeling. Skilled in SQL, Python, Tableau, R and Stata, through published academic research, completed coursework and hands-on analytics projects. Strong foundation in statistical methodologies, data cleaning, visualization and analysis. Adept at working with complex data and in collaborative settings, with a strong interest in contributing to fast-paced environments where data drives strategic thinking.

Skills

R | Python | SQL | Stata | Tableau | Excel | Github | Salesforce | SAP | Power BI | Dashboards

Professional Experience

Berlin Institute of Empirical Integration and Migration Research, *Research Associate* Berlin, 11/2019 – 08/2024

- Led work package within larger project on welfare state systems and migration
- Conceptualised and completed research to meet project objectives and requirements
- Conducted quantitative analyses using R and Stata on large range of data sets
- Sourced, cleaned, joined, visualised and applied statistical methodologies to data
- Used linear, logistic, multilevel and panel regressions, cluster analyses, PCA, fuzzy-set QCA
- Presented and discussed findings to diverse audiences and stakeholders
- Took initiative on administrative operations, conducted candidate interviews, managed project website, and supported grant proposal development

Centre for Internet and Human Rights, *Researcher and Editor* Berlin, 10/2018 – 08/2019

- Synthesized findings of interdisciplinary research project into a comprehensive final report
- Conducted and wrote literature review independently
- Carried out analyses of qualitative interviews

Delivery Hero, *Customer Care and Technical Support Agent* Berlin, 04/2015 – 06/2018

- Managed C2C and B2B requests with efficiency across several contact points
- Achieved and sustained excellent NPS ratings through quality support

Education

Masters in Sociology, Freie Universität Berlin Graduation 2017, grade 1.5

Bachelors in Sociology and Philosophy, Trinity College Dublin Graduation 2013, grade II.I

Professional Training & Projects

Data Analytics Program - CareerFoundry 01/2025 – 08/2025

- Applied learning through projects using Python, SQL, Tableau, Github, Excel (see projects below)

Languages

- English (Native), German (Professional Working Proficiency)

Selected Projects

New York Citibike Expansion Analysis

- Analysed and visualised bike usage based on numerous factors with Python and SQL
- Combined trip data with population and socio-demographic information to derive insights and recommendations for expansion and capacity management.
- Created Python dashboard with analysis results and recommendations

SQL Analysis of Video Rental Orders

- Wrote complex SQL queries to extract and aggregate rental behaviour
- Joined multiple tables to analyze customer lifetime value and order patterns

Customer Segmentation Analysis of Instacart Users

- Segmented users based on demographic and geographic info, loyalty, frequency, spending in Python
- Visualized and compared purchasing patterns between groups

Analysis of US Flight Delays

- Visualised top and lowest performing airlines, airports and routes in Tableau and Python
- Built random forest and decision tree model to predict flight delays in Python

Volunteering and Other Experience

Policy Internship, Global2030

Berlin, 07/2018 -11/2018

- Prepared reports and policy recommendations on topic of UN SDGs and water scarcity

Service and Food Preparation, Liu Chengdu Weidao

Berlin, 10/2019 – 12/2019

Food-sorting Volunteer, Tafel Berlin

Berlin, 06/2018 – 09/2018

Selected Publications, Workshops and Conference Presentations

15th Annual Conference of the International Network of Analytical Sociologists, Princeton University, USA, 8-9 June 2023. Presentation title: "Welfare states of a feather flocking together? An investigation of the migration-welfare state nexus across Western Countries"

King (2022) The contextual cogs of "migrant jobs": A comparative study of the institutional determinants of migrant marginalization in European labor markets. Front. Polit. Sci., 19 December 2022. DOI: 10.3389/fpos.2022.974727

Heisig & King (2022) Ungleich ist nicht gleich ungleich. Der Zusammenhang von Gesundheit und sozialer Lage kann unterschiedlich gemessen werden . WZB Mitteilung 1 | 2022 https://bibliothek.wzb.eu/fulltext/journal-vt/wzb-mitteilungen/wm2022_175.pdf

King (2020) On the Clock and Under Watch : A Review of the Literature on Electronic Employee Surveillance, with a focus on Call Centres. DOI: 10.11584/arbeit-grenze-fluss.4

ECPR Joint Sessions of Workshops, Luneburg March 2024. Title: "Domestic Push vs Foreign Pull?" An investigation of European strategies for meeting low-end labour market shortages

European Consortium for Sociological Research 2022, Amsterdam. Presentation Title: Mapping health inequalities across Europe. How country and regime differences depend on analytic choices. Jan-Paul Heisig & Seán King