ZARA SARI

zarasari1@gmail.com | www.linkedin.com/in/zarasari | https://github.com/zarasari/

PROFILE

Data Analyst and Statistician with expertise in various industries, including healthcare, government, and business. Skilled in statistical modelling, data automation, and analytics. Adept at simplifying intricate data for diverse stakeholders. Experienced in working with large datasets and delivering timely, impactful results.

COMPUTER SKILLS

- **Technical Skills**: Statistical Modelling, Data Automation, Python, SQL, R, Data Visualisation (e.g. Tableau, Power BI), Machine Learning, Big Data
- **Industry Experience**: Healthcare, Government, Business Analytics, Public Sector
- **Soft Skills**: Leadership, Communication, Collaboration, Project Management

EMPLOYMENT

Statistician   March 2025 - May 2025
Department for Environment, Food and Rural Affairs (DEFRA)
- Led pay equity analysis across protected characteristics (gender, ethnicity, age, etc.)
- Created data tables and visualised complex interactions
- Delivered insights through dashboards and clear summaries to support HR policy and pay equity strategy
- Built statistical models and dashboards to identify drivers of pay gaps

Statistician   February 2025 - March 2025
Office Of National Statistics (ONS)
- Short term contract with Admin Based Population Estimate team (cencus data).

Environmental Statistician   Sep 2023 - Sep 2024
Map Impact
- Conducted geospatial and remote sensing data analysis on environmental data.
- Conducted correlation analysis on temperature and algal bloom in Windermere lake.

Data Analyst   May 2023 - Sep 2023
EGL Travel
- Designed data models and trend analyses to optimise revenue streams.
- Successfully managed a small international team to complete a data project.

Data Science Project Lead   Jan 2018 - Jan 2023
DataKind UK and Sobus
- Led a team of Data Scientists to deliver project for Sobus (mental health charity).
- Provided actionable insights using charity and ONS data.

Statistician - Reporting Analyst   May 2021 - July 2022
UKHSA - UK Health Security Agency
- Automated weekly COVID-19 statistical reports for NHS Test and Trace (England).
- Used SQL to query large datasets to generate critical public health insights.

Statistician/ Data Scientist   Jan 2021 - May 2021
Freshminds
- Contract role for a digital education and course provider company (confidential)
- Revised product pricing using statistical methods to assist the sales department.

Analyst Statistician   Sep 2020 - Dec 2020
OBH (Outcomes Based Healthcare)
- Extracted, cleansed and analysed data from electronic health records (EHRs).
- Produced visual representation of NHSE - NHS Digital data and EHRs
- Used modelling and forecasting tools to predict mortality risk of COVID-19.

Senior Data Analyst   Aug 2019 - Feb 2020
Domestic and General
- Converted static excel sheets to visual powerBI reports to spot the latest trends.
- Applied Statistical technique to answer business questions eg. customer churn.

Analyst Statistician   March 2014 - April 2019
Thatcham Research
- Delivered a large project which helped prove cars with Autonomous Emergency Braking are safer by modelling motor insurance claims (in SPSS).
- Study results published for ESV (Enhanced Safety of Vehicles) conference.
- Analysed, standardised and manipulated large databases, providing insight that solves real world problems and influences decisions (Query data via SQL).

Freelance Statistician and other experience   Nov 2013 - March 2014
IAS (International Advisory Services)
- Statistical analysis on Likert-scale survey data, actionable report delivered.
- One on one Mathematics and Statistics tutorials for A-Level and University students

EDUCATION

Team Leadership Certificate   2018
    Newbury College, Distance Learning Course

M.B.A. International   2012 - 2013
    Anglia Ruskin University, London campus

M.Sc. Statistics with Medical Applications   2010 - 2011
    University of Sheffield
    Dissertation: Risk Modelling for lung cancer data using England hospital data (in R)

B.Sc. (Hons) Actuarial Science   2003 - 2006
    University of Kent