Valentina Mercieca
Statistician

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💻 https://valentinamercieca.github.io/

📍 Xaghra, Gozo, Malta

Education

MSc in Data Science
University of Essex Online
2024 - Expected 2026

BSc (Hons) in Mathematics and Statistics and Operations Research
University of Malta
2018 - 2022

Skills

Data Analysis, Modelling and Interpretation
R, LINGO, SQL, MATLAB, Mathematica

Microsoft Office Suite
Word, Excel, PowerPoint, Access, Outlook

Data Organisation and Analytical Abilities
Organised, Analytical, Attention to Detail

Language

Maltese

English

👤 Profile

Analytical statistician committed to assessing validity, reliability and accuracy of data. Assisting organisations in making informed decisions, solving problems, and reach objectives.

💼 Work Experience

2022 – Present

Statistician
National Statistics Office, Valletta, Malta
Population and Migration Unit

- Designing methods and procedures for obtaining data from administrative sources;
- Contributing to the development of innovative data collection and analytical tools;
- Verifying data for inaccuracies and applying statistical methods to address such limitations;
- Analysing data in both aggregate and raw form;
- Contributing to the writing of reports and the preparation of data for publication;
- Helping to build confidence in statistics using the guidelines of the National Statistics Office and the principles of the European Statistics Code of Practice;
- Identifying client needs and presenting findings;
- Interpreting statistical analysis for policy development;
- Participating in and contributing to research;
- Following and taking part in national and international statistical fora;
- Adherence to internal policies related to human resources and information security;
- Carrying out ancillary duties as may be assigned by superiors.

2021 - 2022

Intern
National Statistics Office, Valletta, Malta

Population and Migration Unit

- Performed data cleaning and data preparation to support high-quality data and catch errors before processing;
- Provided statistical interpretation for graphs, tables, and charts;
- Conducted quality checks on data sources to check for inconsistencies and perform data cleaning activities.

2015 - 2018

Volunteer
Good Shepherd Pastoral Centre, Victoria, Gozo

- Supported engaging and fun events by helping with organisation and planning;
- Assisted with special events and programs;
- Took part in fundraisers.