

Mehmet Birkan Durak

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EXPERIENCE

United Nations - Food and Agriculture Organization (FAO)

Jan 2021 – Present

Data analyst

Rome, IT

- Collecting and validating primary and derived agricultural and livestock production data to ensure accuracy and reliability of information.
- Preparing and publishing annual highlights reports on trade data, ensuring timely dissemination of key findings and trends on FAOSTAT.
- Utilizing data analysis techniques to derive meaningful insights and producing valuable outputs related to agricultural and livestock production.
- Proficiently calculating multiple indicators for the trade domain, providing valuable metrics for decision-making processes.
- Liaising directly with national counterparts, as and when required concerning pertinent data issues.

United Nations - Food and Agriculture Organization (FAO)

Oct 2020 – Dec 2020

Consultant

Rome, IT

- Processing and validating 2019 agricultural and food trade data for assigned countries using FAO tools/systems.
- Running outlier detection routines and correcting identified outliers using the Shiny tool.
- Producing detailed documentation.

DM Mining and Consultancy

Apr 2019 – Feb 2020

Business Developer

Ankara, TR

- Mining and analyzing large market pricing datasets and processed data to identify industry trends.
- Conducting research to acquire data from both primary and secondary resources to improve data quality.
- Reviewing and improving pricing strategy with gathered data. Analyzing results and producing comprehensive reports to maximize efficiency.

Robomake Inc.

June 2015 – Feb 2017

Co-Founder

Ankara, TR

- Conducting research to acquire customer data and analyzing sales data to increase sales and understand customer behaviour.
- Utilizing statistical methods and techniques to interpret data.
- Took responsibility for the design and development of a sustainable business plan and strategy to exploit opportunity and sustain growth.
- Managed and supervised department of 4 engineers during the process.

EDUCATION

University of Essex

2023 – Present

Master's Degree in Data Science

London, UK

- Thesis: A Predictive Approach to Future of International Food Trade with Machine Learning

Sapienza University of Rome

2018 – 2020

Master's Degree in Business Management

Rome, IT

- Thesis: Efficiency of Financial Resources for Entrepreneurs in Turkey

TOBB University of Economy and Technology

2010 – 2015

Bachelor's Degree in Mechanical Engineering

Ankara, TR

- Thesis: Designing and Manufacturing of a Powder Processing Unit

TED Ankara College

2002 – 2010

Primary and High School Education

Ankara, TR

SKILLS

Professional Skills: R, Python, MS Excel, Matlab, SQL, Tableau

Trainings: Coding with R, Six Sigma, Agile - Scrum

Personal Skills: Communication, Leadership, Problem Solving, Logical Reasoning, Creativity

Interests: Fenerbahce FC Congress Member, Mobile App Development, Movies, Golf, Rowing, Traveling

LANGUAGE SKILLS

Turkish (Native) — English (Fluent) — Italian (Moderate)