

Ani Pole

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EDUCATION

University of Oxford

Master of Philosophy in Economics; Awarded Distinction

Oxford, UK

Oct. 2019 – Jul. 2021

Dissertation: “Labour Market Turnover and Firm Training Under Information Design”

Bilkent University

Bachelor of Arts in Economics; Ranked 1st; GPA: 3.96/4.00

Ankara, Turkey

Aug. 2015 – Jun. 2019

EXPERIENCE

Data Scientist

Ritech Solutions AG

Oct. 2021 - Present

Tirana, Albania

- Used supervised machine learning models to predict unloading times of shipping containers for one of the largest logistics companies in the world with 86.5% accuracy in production
- Created a framework for simulation purposes to identify and resolve bottlenecks in the DC, increasing labour efficiency and better space management
- Estimated workers’ productivity coefficient and incorporated it in our prediction model which increased model’s accuracy by 6%
- Created evaluation metrics on volume processed, productivity and equipment utilization to provide real time information on the performance of the DC
- Generated periodic reports on the performance of the DC serving as guidelines for the DC manager
- Created dashboards in Metabase for reporting purposes using MySQL

National Consultant

United Nations Development Programme

Jan. 2022 - Dec. 2022

Tirana, Albania

- Showed that shrinking labour force combined with high levels of Inflation and governmental debt are the most pressing issues that threaten the economic stability of Albania – to be published on the UNDP website
- Generated reports for the Ministry of Finances and Economy on the labour market policies and impact of the war in Ukraine showing that current labour market policies need re-evaluation
- Analyzed budgetary spending on Sustainable Development Goal 10, Reduced Inequalities, and showed that there is a steady progression towards achieving this goal
- Worked closely with an intra-Ministry group to identify and build a database for the most important indicators aiming to provide a snapshot at the performance of each Ministry

Teaching Assistant

Bilkent University

Sep. 2018 - Jun. 2019

Ankara, Turkey

- Responsible for creating and grading quizzes for a group of 62 undergraduate students
- Taught class once a week to review necessary lecture material in preparation for examinations
- Held office hours once a week to provide one-on-one assistance with course material

TECHNICAL SKILLS

- **Proficient in:** Python, SQL, Metabase, Microsoft Office
- **Familiar with:** Matlab, Stata, Power BI
- **Technical Skills:** Data Analysis, Linear and Logistic Regression, Hypothesis Testing, OOP, K-Nearest Neighbors, K-Means Clustering, Random Forest Regressor and Classifier, XGBoost Regressor and Classifier
- **Other Skills:** Collaborative, Problem-solving, Verbal and Written Communication
- **Foreign Languages:** Albanian, English, Turkish, Italian