

# MARK VARNALIY

## CONTACT

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- Liverpool, United Kingdom

## SKILLS

- Python
- Tableau
- SQL
- Microsoft Office
- Looker
- Attention to details
- Excel
- Problem solving skills
- PyTorch
- Communication and collaboration skills

## EDUCATION

### Master of Science in Data Analytics

University of Leeds

September 2022 - September 2023

Grade: MSc with Distinction

### Bachelor of Science in Computer Science

University of York

September 2019 - June 2022

Grade: 2:1

## LANGUAGES

- Russian 
- English 
- Ukrainian 
- Chinese 

## CERTIFICATIONS

- Microsoft Azure Data Fundamentals Certificate

## PROFILE

Organised, communicative and quick-to-learn data specialist. Highly proficient in Python, SQL, and deeply focused on data analytics and machine learning. Worked as an Associate SWQA Tester at PlayStation and Freelance Data Analyst, consistently delivering high-quality results within strict deadlines and thriving in collaborative team environments.

## WORK EXPERIENCE

### Freelance Data Analyst and AI Consultant

#### Data Annotation

June 2024 - Present

Remote

- Conduct data annotation and model comparison tasks, enhancing the accuracy and performance of machine learning models.
- Utilise Python (pandas, numpy) and SQL to analyse and visualise data, providing actionable insights for AI development projects.
- Ensure data integrity and consistency through annotation and validation processes, contributing to the development of reliable AI models.

### Associate SWQA Tester

#### Sony Interactive Entertainment

December 2023 - February 2024

Liverpool, United Kingdom

- Conducted comprehensive checks on released and new titles, test firmware features, and evaluated prototype hardware and peripherals at PlayStation.
- Contributed to bug testing, ensuring accurate classification, and recording of identified issues.
- Utilised software tools such as QTest and Jira for testing and issue tracking.

### Freelance Data Analyst

#### Chudodrevo

October 2021 - August 2022

Remote

- Collaborated closely with a small business as a Freelance Data Analyst, leveraging expertise to assess and enhance sales performance.
- Collected, cleaned and analysed complex datasets using Python and Excel, extracting invaluable insights for strategic and data-driven decision-making.
- Implemented analytics strategies that led to a 15% increase in on-site sales, contributing to the business's overall sales performance enhancement.

## PROJECTS

### Investigating the correlations between HDI, Crime rates and Suicide rates

- Using Python and Excel uncovered nuanced patterns, emphasising unique scenarios.
- Examined age and gender specific vulnerability and disproportions.
- Developed an intuitive web-based interactive Dashboard using Plotly's Dash framework.

### Analysis of the influence of COVID-19 on air quality

- Using Python and Excel conducted an in-depth investigation on the impact of COVID-19 on air quality.
- Utilised advanced data analytics techniques to analyse and interpret large datasets related to air quality measurements during the pandemic.