Ivan Petrov

Junior Data Scientist

👤 Profile

Passionate about uncovering insights from diverse datasets, I excel in data manipulation, analysis, and visualization. With a curious mindset and genuine enthusiasm, I am eager to contribute to dynamic teams in data analytics or data science roles. Seeking entry-level or junior positions, I bring a strong ability to support data-driven decision-making and a commitment to driving impactful results.

💼 Employment History

Data Analyst, Freelance at Upwork

December 2022 — Present

🎓 Education

Graduated Manager of Tourism and Hospitality, University Goce Delcev, Skopje

January 2015

Master of Science in Enonomics, Field Financial Management, Ekonomski Institut, Skopje

January 2018

Data Science, Brainster, Skopje

October 2022 — February 2024

🏅 Courses

Course in Communication and Sales (2018), HTCA Hospitality: Training Centre Akademik

July 2018 — July 2018

Data Warehouse Fundamentals for Beginners, Udemy

Microsoft Power BI Desktop for Business Intelligence, Udemy

The Complete SQL Bootcamp 2022: Go from Zero to Hero, Udemy

★ PROJECTS

Air Pollution Analysis in Skopje, Associated with Brainster, Skopje

The project analyzed Skopje's air pollution patterns to understand environmental challenges, pinpoint high-risk areas, evaluated public health impacts, and assessed regulatory effectiveness through data analytics and visualization

Details

Skopje
North Macedonia
+389 71 662 672
ipetrov1992@yahoo.com

Links

Linkedin Profile
Github Profile

Skills

SQL

Data Warehouse

Power BI

Python

Microsoft Excel

Data Analysis

Business Intelligence

Machine Learning

Big Data

Sales

AI Tools

OCR

CNN

Languages

English

Analysis of Gross Domestic Product (GDP), Associated with Brainster, Skopje

The goal of this project was to analyze North Macedonia's GDP data. We loaded and preprocessed the data using Python's Pandas package, then computed GDP and used pie charts, boxplots, and scatter plots to show patterns.

Breathe.mk, Associated with Brainster, Skopje

During my participation in the Brainster Data Science Academy, I contributed to the development of the Breathe.mk application. My specific task involved constructing an admin dashboard using Power BI, enabling administrators to conveniently monitor the work of inspectors.

Human Resources (HR) Business Intelligence, Associated with Brainster, Skopje

The BI solution provided report pages for Departments, Activities, Separations, and Recruitment. These pages offered insights and visualizations on employee count, turnover rates, demographics, and recruiting sources. Users conducted in-depth analyses and made informed decisions using filters for department, year, quarter, and more.

SQL - Winter project, Associated with Brainster, Skopje

The project's goal was to create a database for managing salaries for workers everywhere. In addition to managing each employee's monthly salary, I had to set up a database that would be used to store and manage the employee's basic information.

Medicine Scenario Diabetes, Associated with Brainster, Skopje

Medical project for analyzing data from a thousand diabetes patients over a year. The project aimed to understand management techniques, identify trends, correlations, and risk factors. Key variables included diabetes duration, hemoglobin A1C levels, drug type, glucose levels, and the presence of diabetic retinopathy. This comprehensive approach can significantly enhance patient treatment strategies.

KUNGUL Final Project, Associated with Brainster, Skopje

The Kungul app, which I contributed to during my time at Brainster Data Science Academy, serves as an ultimate personal advisor for skincare products. By scanning a product's barcode, users can quickly determine its healthiness based on a 3-color code scoring system (green, orange, red). This system evaluates each ingredient using the latest scientific findings from the European Commission. Additionally, Kungul provides alternative, healthier product recommendations within the same range. The app empowers consumers to make informed decisions about their skincare, promoting transparency and skin health.