

David Milosheski

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Profile

Highly skilled Data Analyst with a strong background in statistics and data analysis. Proficient in combining diverse data sources, performing in-depth analysis using SQL, and creating insightful reports and visualizations using tools like Looker and Tableau. Passionate about staying up-to-date with industry trends and leveraging advanced statistical techniques to drive data-informed decisions. Excellent communication and problem-solving skills with a good cultural fit for a global enterprise.

Skills

- Python(NumPy, Pandas, scikit-learn, TensorFlow, matplotlib) | SQL | MS Office | PowerBi | Tableau | BigData | Apache(Spark, Hive, Hadoop) | MSSQL | Data Warehousing | NoSQL | Git | Docker
- Statistical Analysis and Modeling | Problem Solving | Critical Thinking | Strong Analytical Skills
- English, Macedonian, Serbian – *All professional proficiency or above*

Experience

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|--|--|--------------------------|--------------------------|
| Operations Manager | <u>EZ Palvelut</u> | <i>Espoo, Finland</i> | 05/2022 - Current |
| <ul style="list-style-type: none">Implemented a training program for the moving crew, focusing on safety protocols and efficient packing techniques, leading to a 30% decrease in customer complaints and a 25% improvement in customer satisfaction ratings.Ensured efficient and timely execution of moving services by overseeing the day-to-day operations of the moving company. | | | |
| Accountant | <u>Accounting Office</u> | <i>Prilep, Macedonia</i> | 06/2020 - 04/2022 |
| <ul style="list-style-type: none">Conducted in-depth financial analysis and identified areas of improvement, leading to the implementation of strategic financial planning initiatives that increased profitability by 15% within the first year.Implemented cost-saving measures by optimizing expense allocation methods and identifying inefficiencies, resulting in a 10% reduction in overall expenses and improved financial performance | | | |
| Analyst Intern | <u>National Bank of Republic of Macedonia</u> | <i>Skopje, Macedonia</i> | 06/2019 - 09/2019 |
| <ul style="list-style-type: none">Conducted research and prepared reports that were used in official public statements of the bank, providing accurate and insightful analysis of economic indicators and contributing to the bank's credibility and transparency in its communication with stakeholders.Developed stress testing methodologies and conducted extensive scenario analysis to assess model resilience and performance under adverse conditions, ensuring the bank's readiness to withstand economic shocks and improving risk management capabilities. | | | |

Education

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|------------------------------|------------------------------------|--------------------------|--------------------------|
| Bachelor of Economics | <u>St. Clement Ohridski</u> | <i>Skopje, Macedonia</i> | 09/2014 - 03/2019 |
| Data Science Bootcamp | <u>Brainster.co</u> | <i>Skopje, Macedonia</i> | 02/2022 - 06/2023 |

Projects

- | | | |
|---|-------------------------------|--------------------------|
| Eye Prediction Model | <u>Impala Research</u> | 04/2023 – 05/2023 |
| <ul style="list-style-type: none">Employed an ensemble method by combining ElasticNetCV, ExtraTreesRegressor, and RidgeCV algorithms to create an eye-tracking machine learning model. The goal was to accurately predict the gaze point on a screen based on input features, thus enhancing usability and understanding of eye movement patterns across different applications.The model achieved a prediction accuracy of 32% for capturing and predicting the patterns or behaviors related to eye movements it was trained on, demonstrating its ability to analyze and interpret complex eye tracking data and provide valuable insights. | | |
| MSSQL Salary Management Database | <u>Brainster.co</u> | 06/2022 |
| <ul style="list-style-type: none">Designed and implemented a robust Employee Salary Management Database using SQL to effectively track and manage employee salary information, including basic salary, allowances, deductions, and net salary.Developed SQL queries to generate reports and summaries of employee salary data for management analysis. These reports provided valuable insights into salary trends, cost analysis, and helped in decision-making processes, such as budget allocation and performance evaluation. | | |
| HR Ticketing Dashboard in PowerBI | <u>Brainster.co</u> | 09/2022 |
| <ul style="list-style-type: none">Leveraged advanced data visualization techniques to craft an engaging and informative dashboard for HR ticketing data in Power BI. The dashboard facilitated easy understanding of complex ticket information for stakeholders.Implemented interactive drill-down and drill-up features, empowering users to explore ticket data at different levels of granularity, enabling detailed investigation into ticket categories and enhancing the overall performance of the ticketing system. | | |
| Customer Revenue Prediction | | 04/2023 |
| <ul style="list-style-type: none">Created and implemented a customer revenue prediction model using deep learning techniques to accurately forecast future revenue for the company.Trained the model on historical customer data, encompassing demographic information, past purchases, and browsing behavior, ensuring robust predictive capabilities.Conducted rigorous model evaluation using appropriate metrics like mean absolute error or root mean square error to assess its effectiveness. | | |

Others

- Certificate of Hackathon:** Leveraging predictive analytics for optimizing pharmaceutical efficacy (12/2022)