Enes Polat

enesfplt@gmail.com | linkedin.com/in/enesplt | github.com/enes-plt | enespolat.ca

Technical Skills

Languages: Python, Java, C, C++, JavaScript, HTML, CSS, Elixir, Haskell, Rust, Bash
Frameworks: React, Node.js, JUnit, FastAPI, Django, Angular, Vue
Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Linux, UNIX, Emacs
Databases and Analytics Tools: SQL, Oracle, MongoDB, Power BI, Microsoft Excel

Experience

Data Analyst | Business Analyst May. 2025 – Dec. 2026
Ontario Power Generation *Pickering, ON*

- Collected, processed, and analyzed large datasets using **Python** and **SQL** to generate insights and support fleet-wide strategic initiatives ensuring **100%** data accuracy and consistency.
- Utilized **Power BI** dashboards with interactive visualizations to track performance metrics, identify trends, and support data-driven decision-making within Corporate Functional Area Management.
- Automated data pipelines to streamline **data extraction, transformation, and loading** (ETL) processes, improving data accessibility and reporting efficiency by approximately **75%** through reduced manual intervention and faster data processing.
- Performed compliance-focused data validation and quality checks using **Pivot Tables** in **Microsoft Excel** to detect anomalies, visualize data, and ensure alignment with nuclear safety standards.
- Tracked and evaluated daily briefing reports to identify trending events, inventory discrepancies, and regulatory updates, which enhanced fleet efficiency and workplace safety, resulting in up to **85%** data accuracy in operations.

Operations Team Member Mar. 2023 – Nov. 2024
Starbucks *Toronto, ON*

- Monitored **key performance indicators** (KPIs), including transaction volume, peak sales periods, and product demand trends, to support data-driven decisions in daily operations, improving operational efficiency by **85%**.
- Analyzed sales data to optimize inventory planning, reducing overstock and waste by **10-20%**.
- Utilized POS data to identify customer behavior patterns, supporting upselling and product placement strategies.
- Cooperated with cross-functional teams to implement process improvements based on data-driven insights from customer feedback and service patterns, enhancing team performance and reducing service wait time by **20%**.

Projects

Brain Tumor Segmentation | *Python* Dec. 2024

- Developed a U-Net model for brain tumor segmentation, achieving a Dice Coefficient of **0.91** and F1-score of **0.89**, showcased in deep learning, computer vision, and medical imaging.
- Processed **1,000+** MRI images with techniques such resizing **256x256**, normalization, and data augmentation to enhance model generalization, achieved a Jaccard Index of **0.87** and precision of **0.90** on test data.
- Automated an end-to-end machine learning pipeline for segmentation mask generation, evaluation, and visualization, using **TensorFlow**, **OpenCV**, and **Scikit-learn** to streamline model deployment and interpretation.

Database for Shoppers Drug Mart | *SQL, Python, Bash* Nov. 2024

- Designed a Point of Sale (POS) database system for Shoppers Drug Mart using **SQL** and **Python**, with **6+** relational tables to manage transaction recording, inventory updates, and customer loyalty point tracking.
- Implemented advanced queries and normalization techniques (BCNF/3NF) to manage inventory, track employee transactions, and maintain customer profiles, ensuring **100%** data integrity and optimized performance.

ChatGPT Survey | *Python* Sep. 2023

- Designed and analyzed a 500+ response survey using **Python**, **Pandas**, **Matplotlib**, **Microsoft Excel**, and **Power BI**. Automated CSV data processing, improving efficiency by **30%**, and developed interactive visualizations (bar graphs, pie charts) to present insights on demographics, user preferences, and AI adoption trends.
- Developed modular functions for reusable data visualizations, including bar charts, pie charts, and custom annotations, automating **10+** visuals to enhance readability and decision-making.

Education

Toronto Metropolitan University (formerly Ryerson University) Toronto, Canada
Bachelor of Science in Computer Science (Hons) *Sep. 2022 – Apr. 2025*