GORKEM BAYAR

⚲ Toronto, ON 📞 +1(343)297-0989 ✉bayargorkem@outlook.com - [LinkedIn](#) - [Portfolio](#)

Professional Summary

- Results-driven data analyst with over 5 years of experience in systems analysis, data visualization, and process automation, seeking to transition into data science and machine learning roles. Proficient in leveraging advanced analytical tools and eager to apply statistical modeling and AI techniques to drive innovative solutions and data-driven decision-making. Passionate about exploring cutting-edge machine learning algorithms and their real-world applications across various industries.

Technical Skills

- **Data Analysis & Visualization:** Power BI (DAX, software development life cycle, data ingestion), Tableau
- **Data Science / Machine Learning:** Python (numpy, pandas, seaborn, matplotlib, Scikit-Learn), AI/ML (feature engineering, classification, regression, neural networks)
- **Database:** SQL (ETL, stored procedures, schemas)
- **Project Management:** MS Project, Asana, Trello (enhancing project efficiency and team collaboration)

Professional Experience

Jr. Analyst at Canada Revenue Agency   Toronto, ON - (2023/05 - Present)

- Engineered and maintained advanced Power BI dashboards through SDLC phases (development, testing, production), streamlining HR and IT reporting processes. (Skills: Data Visualization, Data Cleaning, SDLC, Process Optimization)
- Conducted collaborative data analysis, influencing strategic decisions with insights on project statuses and network usage. (Skills: Predictive Analytics, Data-Driven Decision Making)
- Facilitated stakeholder engagement sessions to capture and address data reporting needs, enhancing interdepartmental efficiency. (Skills: Requirements Gathering, Data Modeling, Business Intelligence)

Jr. Project Officer at Canada Revenue Agency   Toronto, ON - (2022/09 – 2023/05)

- Performed quality assurance for business architecture documentation, ensuring project accuracy and integrity. (Skills: Data Governance, Documentation Review, Business Process Mapping)
- Directed SME efforts in transitioning to GCdocs, improving document management across government agencies. (Skills: System Implementation, Change Management, Data Migration)
- Successfully delivered 4 projects on time and within budget, demonstrating project management proficiency. (Skills: Project Planning, Resource Allocation, Agile Methodologies).

Sr. Systems Analyst at Turkish Motor Insurers' Bureau (TMTB)   Istanbul, TR (2021/04 – 2021/12)

Company Summary: TMTB oversees motor insurance regulation in Turkey, coordinating with insurers to manage policyholder rights and data.

- Engineered an automation solution for the finance department's formal letter distribution process, managing over 12,000 documents annually and reducing manual handling by 45%. (Skills: Process Automation, Data Management, Efficiency Optimization)
- Spearheaded implementation of Microsoft Planner for workflow management, enhancing project tracking and team productivity. (Skills: Project Management, SDLC Implementation, Collaborative Tools)
- Achieved 12% reduction in operational costs, resulting in annual savings of approximately $30,000 through process improvements and automation. (Skills: Cost-Benefit Analysis, Financial Impact Assessment).

Foreign Trade Specialist at Istanbul Exporters' Associations   Istanbul, TR (2016/05 – 2021/03)

- Collaborated with IT to deploy software solutions, enhancing process efficiency and reducing completion times by 40%. (Skills: Process Improvement, Problem-Solving, Technical Collaboration)

- Produced and presented national export reports using SAP and ITC Trade Map to highlight key insights. (Skills: Data Analysis, Data Visualization, Business Intelligence, Communication, Reporting)
- Conducted market research and engaged with investors to organize trade fairs. (Skills: Market Research, Investor Relations, Event Coordination)
- Collaborated closely with the board of directors on climate change and sustainability initiatives in the hazelnut industry, providing expert-level knowledge and resolving complex queries. (Skills: Sustainability Analysis, Executive Communication, Industry-Specific Expertise)
- Utilized SharePoint, Power BI and Excel for database management and report generation. (Skills: Reporting, Data Management)

Education

Grad. Certificate in Business Intelligence System Infrastructure at Algonquin College (2022)
- Capstone project: Exploratory data analysis using Power BI, findings that influenced AAFC's hiring strategies.

BSc in Actuarial Sciences at Hacettepe University (2013)
- Capstone project: Descriptive statistical analysis using SPSS Modeler, which identified key trends affecting insurance premium calculations.

Projects

- [Exploratory Data Analysis and Model Training](#) | Python, numpy, scikit-learn, mathplotlib, model training
- [Permanent Residency admission dashboard](#) | Power BI, Fabric, ETL
- [Visualizing global water scarcity](#) | Tableau, data prep, ETL