

GORKEM BAYAR

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Professional Summary

- Results-driven Lead Data Analyst with 5+ years of experience in business analysis, data visualization, and process optimization. Proven expertise in leveraging advanced analytical tools, machine learning solutions, and data methodologies to drive business growth and inform strategic decisions. Proficient in collaborating with cross-functional teams to deliver data-driven projects and solutions.

Technical Skills

- **Programming languages:** Python, SQL
- **Data analysis and visualization tools:** Power BI, Tableau, DAX
- **Data management and migration:** ETL, ELT
- **Machine learning:** Scikit-Learn, NumPy, Mathplotlib
- **Data modeling and governance:** Data mapping, data mining, data locating
- **Cloud platforms:** Amazon Web Services (AWS), Microsoft Azure
- **Operating Systems:** Windows, Linux

Education

Grad. Certificate in Business Intelligence System Infrastructure at Algonquin College (2022)

- Capstone project: Conducted Exploratory Data Analysis (EDA) using Power BI, findings that influenced Agriculture and Agri-Food Canada's (AAFC) hiring strategies.

BSc in Actuarial Sciences at Hacettepe University (2013)

- Capstone project: Predictive analytics with SPSS Modeler - linear regression to calculate insurance premiums.

Professional Experience

Jr. Analyst at Canada Revenue Agency

Toronto, ON - (2023/05 - Present)

- Developed and maintained advanced Power BI dashboards, utilizing **data visualization**, **data cleaning**, and **ETL** skills to streamline and optimize HR and IT reporting processes, resulting in a 30% reduction in reporting time and a 25% increase in data accuracy.
- Conducted comprehensive **data analysis**, applying **predictive analytics** and **statistical modeling** techniques to inform strategic decisions regarding project statuses and resource utilization, which led to a 20% improvement in project delivery times and a 15% reduction in resource costs.
- Facilitated stakeholder engagement sessions, leveraging **communication** and **interpersonal** skills to capture and address data reporting needs, improving stakeholder satisfaction by 25%.

Jr. Project Officer at Canada Revenue Agency

Toronto, ON - (2022/09 – 2023/05)

- Executed quality assurance for business architecture documentation, ensuring project accuracy and compliance, and utilizing **data governance** and **documentation review** skills, which resulted in a 95% compliance rate and a 20% reduction in project risks.
- Managed subject matter expert (SME) efforts in transitioning to GCdocs, enhancing document management efficiency, and applying **change management** and **data migration** skills, which led to a 30% reduction in document processing time.
- Successfully delivered 4 projects on time and within budget constraints, showcasing **project planning**, **resource allocation**, and **project management** skills, with a 100% project success rate and a 20% reduction in project costs.

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.

- Designed and implemented **what-if analysis** for insurance / reinsurance ratios of companies in a **Power BI dashboard**.
- Led the implementation of **Microsoft Planner** for **workflow management**, improving **project tracking** and **team productivity** by **30%**, and enhancing **collaboration** and **communication** among team members.
- Achieved a **12% reduction in operational costs** through process improvements and automation.

Foreign Trade Specialist at Istanbul Exporters' Associations (IEA)

Istanbul, TR (2016/05 – 2021/03)

Company Summary: IEA is a leading trade organization in Türkiye, providing insights and support to exporters across various industries.

- Analyzed national export data using **SQL**, **SAP**, and **Trade Map**, producing insightful reports for stakeholders, and applying **data analysis**, **data visualization**, and **business intelligence** skills. This resulted in a 25% increase in export sales and a 15% reduction in operational costs.
- Collaborated with IT to deploy software solutions, enhancing operational efficiency, and applying **process improvement**, **technical collaboration**, and **problem-solving** skills. This led to a 40% reduction in completion times and a 20% increase in user satisfaction.
- Conducted market research and engaged with investors, utilizing **market research**, **investor relations**, and **event coordination** skills to organize trade fairs. This resulted in a 40% increase in trade fair attendance.

Projects

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

Certificates

- AWS Cloud Practitioner
- Microsoft Azure Fundamentals