

Gorkem Bayar

📍 Toronto, ON

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[LinkedIn](#)

Professional Summary

Data professional with a robust background in data analysis, business intelligence, and visualization. Proficient in developing impactful Power BI dashboards and reports, integrating diverse data sources, and applying analytical techniques to support strategic decision-making. Possesses a strong technical foundation and a collaborative approach to delivering data solutions.

Technical Skills

- **Data Visualization:** Power BI, Tableau, Visio
- **Programming & Scripting:** DAX, SQL, Python (Pandas, NumPy, Scikit-learn, Matplotlib)
- **Data Management:** ETL, ELT
- **Data Modeling & Governance:** Data Warehousing Concepts, Data Modeling
- **Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure

Professional Experience

Data Analyst at Canada Revenue Agency

Toronto, ON - (May 2023 – Mar 2025)

- Engineered and maintained sophisticated, visually engaging Power BI dashboards for HR and IT reporting, achieving a 30% reduction in report loading times and a 25% improvement in data accuracy.
- Integrated data from various systems like SonarQube, SQL Server, and SharePoint-based Excel, to provide comprehensive insights on project status and resource allocation, leading to a 20% decrease in project delivery times and a 15% reduction in resource costs.
- Collaborated with stakeholders to refine reporting frameworks and to ensure user-centered design, resulting in a 25% increase in stakeholder satisfaction.

Project Officer at Canada Revenue Agency

Toronto, ON - (Sep 2022 – May 2023)

- Developed quality assurance documentation for business architecture using MS Visio, reaching a 95% compliance rate and mitigating project risks by 20%.
- Applied data governance principles to the implementation of a cloud storage solution, optimizing document management and reducing processing time by 30%.
- Successfully delivered four projects within established timelines and budgets, enhancing cost efficiency by 20%.

Sr. Systems Analyst at Turkish Motor Insurers' Bureau

Istanbul, TR (Apr 2021 – Dec 2021)

- Applied Python (Pandas, NumPy) and Power BI for detailed quantitative analysis and statistical modeling of insurance ratios, generating actionable visualizations (Matplotlib, Seaborn) that enhanced data-driven decision-making.
- Utilized advanced SQL on an Oracle database for ETL processes involving insurance policy, claims, and sales data, enabling thorough analysis and reporting on key performance indicators and trends.
- Spearheaded the implementation of MS Planner for workflow tracking, boosting project visibility and team efficiency by 30%

Foreign Trade Specialist at Istanbul Exporters' Associations

Istanbul, TR (Jun 2015 – Mar 2021)

- Applied market research and data analysis, including the use of SQL and Trade Map to analyze national export data, which informed trade strategies and resulted in a 40% increase in trade fair participation and a 15% reduction in operational costs.
- Partnered with IT teams to implement SAP PCM on costs tracking, reducing process completion times by 40%.

Volunteer Experience

Head of Finance - Canadian Turkish Business Council – Women’s Network Toronto, ON (Aug 2023 – Present)

- Developed a robust finance / bookkeeping dashboard in Google Sheets that stores transactional expense records, enabling consistent and timely budget management.
- Utilized Canva to develop visually appealing infographic elements within reports to enhance data storytelling.

Projects

Permanent Residency Admissions [\[Link\]](#)

- Designed an interactive and user-friendly Power BI dashboard with a clear visual hierarchy to explore complex immigration metrics, utilizing design thinking to optimize the user experience. / *MS Power BI, MS Fabric, MS Excel, DAX, ETL*

Diabetes Analysis [\[Link\]](#)

- Presented findings through clear and concise visualizations using Matplotlib and Seaborn, with a focus on communicating insights effectively / *Python, numpy, scikit-learn, matplotlib, data science*

Water Scarcity [\[Link\]](#)

- Explored global water scarcity and its determinants by countries using Tableau and ETL processes for data preparation and visualization/ *Tableau, ETL*

HR Analytics for AAFC

- Conducted EDA that produces findings influenced Agriculture and Agri-Food Canada’s (AAFC) hiring strategies / *MS Power BI, DAX, ETL*

Insurance Premium Calculation

- Developed a linear regression model to predict insurance premiums / *IBM SPSS, statistical models, regression*

Education

Bachelor of Actuarial Sciences at Hacettepe University [\[Web page\]](#)

Grad. Certificate - Business Intelligence System Infrastructure at Algonquin College [\[Web page\]](#)

College Diploma – Computer Programming and Analysis at Humber Polytechnic (ongoing, fully online)

Certificates

- AWS Cloud Practitioner [\[Link\]](#)
- Microsoft Azure Fundamentals [\[Link\]](#)
- Google Analytics – Advanced [\[Link\]](#)