

Gorkem Bayar

📍 Toronto, ON

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[LinkedIn](#)

Professional Summary

Highly analytical and results-oriented professional with a strong foundation in business analysis, process improvement, and data-driven reporting gained through progressive experience. Proven ability to gather and document business requirements, identify process gaps, and leverage data visualization tools like Power BI to provide actionable insights. Collaborative and adaptable, with a keen interest in exploring innovative solutions and fostering effective stakeholder relationships.

Technical Skills

- **Business Analysis:** Requirements gathering, process design, workflow analysis, change management
- **Data Visualization:** Power BI, Tableau, Visio
- **Data Management:** ETL, ELT
- **Data Modeling & Governance:** Data Warehousing Concepts, Data Modeling
- **Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure
- **Programming & Scripting:** DAX, SQL, Python (Pandas, NumPy, Scikit-learn, Matplotlib)

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 change management and 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 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 [\[Link\]](#)