

# Gorkem Bayar

📍 Toronto, ON

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[Portfolio](#)

## Professional Summary

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- Results-driven Data Analyst with 5+ years of experience in data visualization, business analysis, 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

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

## Professional Experience

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### Jr. Analyst at Canada Revenue Agency

Toronto, ON - (May 2023 - 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 - (Sep 2022 – May 2023)

- 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

Istanbul, TR (Apr 2021 – Dec 2021)

- Designed and implemented **what-if analysis** for insurance/reinsurance ratios using **Power BI**, enhancing data-driven decision-making capabilities.
- Led the implementation of **MS Planner** to visualize **workflow management metrics**, improving project tracking and team productivity by **30%**
- Implemented process improvements and automation, resulting in a **12% reduction** in operational costs.

## Foreign Trade Specialist at Istanbul Exporters' Associations

Istanbul, TR (Jun 2015 – Mar 2021)

- Analyzed national export data using **SQL**, **SAP**, and **Trade Map**, producing insightful reports that contributed to a **25%** increase in export sales and a **15%** reduction in operational costs.
- Collaborated with IT to deploy software solutions, enhancing operational efficiency, and reducing completion times by **40%**.
- Conducted **market research** and **data analysis** to inform strategic decisions, resulting in a **40%** increase in trade fair attendance.

## Projects

| Project Name                                                   | Description                                                                                                               | Tools/Techniques Used                                                  |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Permanent Residency Admission Dashboard <a href="#">[Link]</a> | An interactive dashboard to discover Express Entry & Permanent Resident admission metrics categorically and by countries. | MS Power BI, MS Fabric, MS Excel, DAX, ETL                             |
| Diabetes Analysis with Python <a href="#">[Link]</a>           | Analyzing different aspects of Diabetes in the Pima tribe by doing Exploratory Data Analysis (EDA)                        | Python, numpy, scikit-learn, matplotlib, model training and evaluation |
| Water Scarcity Around the Globe <a href="#">[Link]</a>         | Exploring the global water scarcity and its determinants by countries                                                     | Tableau, ETL                                                           |
| HR Analytics for Agriculture and Agri-Food Canada (AAFC)       | - Conducted Exploratory Data Analysis (EDA)<br>- Findings influenced AAFC's hiring strategies                             | Power BI                                                               |
| Predictive Analytics for Insurance Premium Calculation         | - Developed a linear regression model to predict insurance premiums                                                       | IBM SPSS Modeler                                                       |

## Education

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

BSc in Actuarial Sciences at Hacettepe University [\[Web page\]](#)

## Certificates

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