

INGRID DIAZ

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Objective

Detail-oriented Data Analyst with 10+ years of experience with data using tools such as SQL, Python, and dashboard development across tech, enterprise, and public sectors. Proven track record in data extraction, validation, and reporting to drive actionable insights and improve data quality. Expertise in building robust BI solutions, utilizing tools like Oracle, Teradata, and Tableau, to support operational and business needs. Focused on bridging data and technology through deep analysis and reliable reporting.

Technical Skills

- **Database & Query Languages:** MySQL, Oracle SQL, Oracle DB, JSON, Teradata
- **Programming & Scripting:** Java, C, Assembly, Python, JavaScript, HTML
- **Data Analysis & Business Intelligence:** Data Analysis, Dashboard Building, Tableau, Advanced MS Excel, SAS, R, Econometrics, EViews
- **Tools & Technologies:** MS Word, PowerPoint, Outlook, InDesign, Diagramming (Sequence, Class, UML), RegEx, Git/Bitbucket, GCP

Experience

FMCC - Ford Motor Credit Company

Apr 2022 - Mar 2023

Data Quality and MDM Analyst

Dearborn, MI

- Created, validated, and updated data quality rules using RegEx and Tera SQL for dashboard reporting, improving data accuracy and reliability for decision-making.
- Analyzed, cleansed, and enriched master data to support consistent data flow across stakeholders, boosting data integrity and stakeholder satisfaction.
- Developed Informatica MDM solutions to deliver new subject area domains and ingest new data sources based on business requirements.
- Designed, built, and tested data mappings and integrated dashboards based on business needs, enhancing data visualization for operational insights.
- Extracted and processed data from GCP and Teradata using data warehousing concepts, facilitating improved data accessibility and pipeline development.

Halight Inc.

Nov 2019 - Apr 2022

Data Analyst

Tecumseh, ON

- Designed and built ad-hoc reports using Oracle SQL and Python, and developed interactive dashboards with MS SQL Server Reporting Services (SSRS), Amazon Quicksight, Power BI, and Tableau to deliver key business intelligence insights for large enterprise clients.
- Developed complex database queries for KPIs, sales metrics, customer retention and acquisition, and staff participation, while extracting, cleansing, and validating data to support in-depth analysis and informed strategic decisions.
- Collaborated with large enterprise customers in an Agile development environment, defining problems and identifying opportunities and solutions using Jira to address data issues and enhance operational efficacy.

Government of Ontario, Ministry of Labour

2012 - 2018

Economist

Toronto, ON

- Held a supervisory position, designed and improved the preparation of monthly, quarterly, and yearly publications for both policy makers and general audience, adding new sections and insights on collective bargaining statistics and data.
- Managed data lifecycle—including collection, entry, validation, analysis, and reporting—culminating in monthly, quarterly, and annual publications, as well as ad hoc reports and briefings for internal stakeholders and senior policy makers.
- Developed new methods for gathering, interpreting, and reporting lump sum and collective agreement data, delivering actionable insights to government decision makers.
- Improved existing database structures to enhance accessibility and support of efficient data extraction and forecasting. Conducted labor market analysis and built data models to assess trends, variances, and evaluate the impact of policy changes.
- Participated in the development, testing, and deployment of a new business application. Collaborated with the QA team to create test plans and test cases, including user acceptance testing (UAT), and investigated issues as needed.
- Analyzed and assessed functional requirements, and conducted gap analysis of business rules and system process flows while developing new reporting standards and data integrity checks, and ensuring the accuracy of migrated data through statistical report validation.
- Routine maintenance of strong data accuracy by performing data validation and cleansing from disparate data sources.

Personnel by PRO-STAFF

Dec 2011 - 2012

Business Consultant

Windsor, ON

- Analyzed industry trends, economic outlook, strategic growth opportunities, competitive landscape, and relevant laws and regulations affecting their industry.
- Assessed company's growth potential; company had grown 200% in five years.
- Defined a comprehensive business plan in terms of operations, human resources, marketing plan and financial performance analysis.

University of Windsor**Sep 2009 - Dec 2011***Graduate Teaching Assistant**Windsor, ON*

- Assisted in undergraduate economics courses by proctoring exams and providing academic support to students in the economics help room.
- Authored a graduate research paper on the determinants of Canadian horticultural exports to the U.S. and the impact of NAFTA, utilizing time series regression analysis.

Education**University of Windsor****2023 - 2025***B.Science, General Computer Science***University of Windsor****2010 - 2012***Master of Arts, Economics***University of Windsor****2004 - 2008***B.Commerce, Honours Business Administration and Economics, Concentration in Finance***Side Projects****Housing Project 2019****2019**

- Performed data cleansing, analysis summarizing descriptive and inferential statistical methods creating insights into house prices for Washington State.
- Using cross sectional data.