**DIANA TORRES**  
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**DATA ANALYST**

**PERSONAL PROFILE**

Detail-oriented, bilingual engineer with expertise in Python, SQL, R, Tableau, Access, Excel, and a strong foundation in statistics and linear regression . Proven experience in transforming raw data into actionable insights through advanced analytics, data transformation, and dynamic visualization. Skilled in collaborating with cross-functional teams to deliver data-driven solutions and optimize performance.

**HIGHLIGHTS OF QUALIFICATIONS**

* **Advanced Analytics & Modeling:** Applied predictive modeling, linear regression, and hypothesis testing in Python and R to uncover trends and drive strategic decisions.
* **Data Transformation & Integration:** Proficient in cleaning, structuring, and integrating large datasets using SQL, MS Access, and Python to ensure accuracy and usability.
* **Visualization & Reporting:** Developed interactive dashboards in Tableau and Excel to communicate insights, track KPIs, and support business objectives.
* **Process Automation:** Leveraged Python scripts and MS Access macros to automate repetitive tasks, improving efficiency and data integrity.
* **Cross-functional Collaboration:** Partnered with stakeholders to design analytical solutions aligned with business goals, such as optimizing operations and forecasting performance.

**TECHNICAL SKILLS**

* **Programming Languages:** Python, SQL, R, MATLAB, Java
* **Analytics & Modeling:** Predictive Modeling, Linear Regression, Hypothesis Testing, Statistical Analysis
* **Data Visualization:** Tableau, Excel (PivotTables, Dashboards), MS Access (Queries, Reports, ArcGIS.
* **Collaboration Tools:** Slack
* **Databases:** SQL, MongoDB, MS Access

**EDUCATION  
Computer Programming Diploma** January 2024 – August 2025  
**Sault College Applied of Arts and Technology –** Toronto, ON

Relevant coursework: Python, SQL, Data Visualization, MS Access, Software Lifecycle Management

**Bachelor of Engineering – Biotechnology** September 2013 – January 2018

* Specialized in mathematical modeling, optimization, and process improvements.

**WORK EXPERIENCE**

**Translator** January 2022- September 2023  
**Self-Employed**

* Managed 25 international legal documents, ensuring accurate English-Spanish translations for cross-border compliance.
* Coordinated timelines and client expectations, improving turnaround times by 30% through optimized workflows
* Collaborated with NGOs and legal teams to align translations with project goals, ensuring cultural and contextual relevance

**Biotechnology Project Lead** September 2021 – December 2021  
**ArcelorMittal**

* Led an oxygen purity optimization project, increasing production efficiency by 3% using MATLAB and Excel.
* Coordinated field visits to assess equipment and worker compliance, delivering actionable insights via visual reports
* Authored manuals for ISO 9001 certification, ensuring alignment with international quality standards.

**Au-Pair. Educational Coordinator** August 2018 – August 2021  
**Cultural Care**

* Organized daily schedules and safety protocols, achieving 100% parental satisfaction through transparent communication
* Delivered tailored Spanish lessons, enabling a child to achieve bilingual proficiency and admission to various top-tier bilingual schools.

**Assistant Store Manager** May 2016 – May 2017  
**Medigroup del Pacífico**

* Reduced procurement errors by 80% and eliminated stock discrepancies (100%) through data-driven inventory systems.
* Led a team of 8 staff, overseeing daily operations, financial reporting, and audits to ensure compliance with organizational standards
* Designed MS Access databases and spreadsheets to trach supplier performance and budget allocations, streamlining procurement.