

# EDWING JIMENEZ

## Industrial Engineer / Data Analyst

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### SUMMARY

With over 7 years of experience as a product engineer in the medical devices industry, I have successfully led projects resulting in substantial cost savings through decreased scrap rates and automation, while cutting production costs nearly in half. Transitioning into the Data Science field, I bring 4 years of expertise in analyzing large datasets to extract insights and enhance business performance. Proficient in statistical analysis, data visualization, and machine learning using Python and SQL, I am driven by a passion for leveraging data-driven decision-making. Holding Lean Manufacturing and Six Sigma Green Belt certifications underscores my commitment to efficiency, quality, and continuous improvement, complementing my problem-solving and analytical skills.

### EXPERIENCE

#### Freelance Data Analyst

**Self Employed** 2020 – Present

As a freelance data analyst, I leverage my experience in data analysis and visualization to provide actionable insights for clients across diverse industries. I specialize in transforming raw data into meaningful narratives that drive informed decision-making and business growth.

#### Principal Product Engineer

*Product Engineer I – III, Product Superintendent – Sr.*

**Fresenius Kabi** 2017 – Present

In my current position as Principal Product Engineer at Fresenius Kabi, I concurrently serve as a dynamic project manager, leading and executing innovative product design projects for cost savings and quality improvement. My role involves the meticulous validation of advanced manufacturing processes and products, maintaining compliance with industry regulations and quality benchmarks.

As a dedicated project manager, I orchestrate seamless collaboration among cross-functional teams, ensuring project milestones are met on time and within budget. I employ effective project management methodologies to streamline processes, enhance efficiency, and facilitate continuous improvement. Simultaneously, I collect and analyze manufacturing process data using statistical tools, identifying patterns critical for ongoing process optimization. Post-implementation, I conduct thorough process and product comparisons, providing valuable insights for further refinement. A key aspect of my responsibilities involves translating complex manufacturing data into clear data visualizations and project presentations for stakeholders.

### EDUCATION

#### Data Scientist: Analytics

**Codecademy** 2023

#### Bachelor of Science in Industrial Engineering

**Instituto Tecnologico de Santo Domingo** 2012 – 2015

### LANGUAGE

Spanish Native ●●●●●

English Proficient ●●●●○

### SKILLS

Lean Six Sigma      Data Storytelling      Analytical Thinking

Data Visualization      Communication      Data Modeling

Exploratory Data Analysis      Presentation

Statistics      Problem Solving

#### Technical Skills

Minitab      Tableau

MS Office      Python

MS Power BI      SQLite

SQL Server      PostgreSQL

### TRAINING / CERTIFICATIONS / COURSES

#### Data Scientist: Analytics

Codecademy

#### Google Advanced Analytics

Google / Coursera

#### Learn Python 3

Codecademy

#### Lean Six Sigma: Green Belt

Infotep / Fresenius Kabi

#### Improvement Management

Infotep / INTEC

### PROJECTS AND ACHIEVEMENTS

 Project Portfolio  
Edwngjs.github.io