



# CÉSAR GARCÍA LÓPEZ

Business Intelligence Data Analyst

## PROFILE

Highly motivated Mechatronics and Project Manager Engineer committed to continual personal and professional growth. Proactively seek opportunities to expand my knowledge and skills. Recognized for empathetic communication and strong interpersonal abilities. Persistent in pursuing and achieving challenging objectives.

## INTERPERSONAL SKILLS

- Team Player
- Analytical Thinking
- Ethical Data Handling
- Storytelling with Data
- Effective Communication
- Data-Driven Decision Making
- Curiosity and Eagerness to Learn

## LANGUAGES



**Spanish**  
Native Speaker



**English**  
TOEIC L&R score: 930 ≈ 635  
TOEFL ITP (C1)



**German**  
Basic (A2)

## CONTACT DETAILS



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Loma dorada, Querétaro, México.



<https://cesarglop.github.io>

## EDUCATION

### Mechatronics Engineering

Universidad de Guanajuato /  
División de Ingenierías Campus  
Irapuato-Salamanca  
January 2015 - June 2021

### Project Management Engineering

Universidad Virtual del Estado de  
Guanajuato  
March 2015 - May 2023

## PROFESSIONAL SKILLS

### Programming languages:

- C++
- Python
- SQL
- R

### Software:

- VS Code
- Tableau
- Power BI
- Qlik Sense
- Advanced MS Excel
- Jupyter notebook
- MATLAB

### Other knowledge:

- Jira
- GitHub
- PostgreSQL
- SQL Server
- Pandas, Numpy, Scipy, Matplotlib, Seaborn
- Machine learning libraries: Tensorflow, PyTorch, scikit
- Lean Six Sigma Green Belt

## CAREER, ACHIEVEMENTS & WORK EXPERIENCE

### Business Intelligence Analyst (Cost Analyst) - A2MAC1 (Aug 2022 - Jan 2024)

- Conducting cost studies: cleaning, transforming and analyzing input data using Excel Macros/VBA, Power BI & RDBMS.
- Conducting cost/performance benchmarking and value analysis studies.
- Creating visualizations using Power BI to identify efficiency improvement opportunities for customers (automotive OEMs).
- Delivering tailored insights presentations to clients, made on Power Point & including relevant Power BI dashboards.

### BEDU (Nov 2023 - Dec 2023)

Machine Learning project for classifying images of dogs and cats using Convolutional Neural Networks and Transfer Learning.

### Professional Social Service (Jan 2020-Dec 2020)

Detection, monitoring and calculation of the healthy distance through surveillance cameras.

## QUALIFICATIONS & TRAINING

**Microsoft Power BI Data Analyst Professional Certificate.** Microsoft-Coursera, length: 210 hours.

Diploma course on "Data Science". BEDU - Santander scholarship, length: 300 hours, from Jun 2023 - Feb 2024.

Diploma course on "Lean Six Sigma Green Belt". International Lean Six Sigma, length: 60 hours.

Training abroad in Hary, Hauts-de-France, on "Exterior Lighting Analysis". A2MAC1, length: 1 month.