# Manuel Romo de Vivar

## Mathematician, Computer Scientist & Artist

**#DataAnalysis #BIAnalysis #Python, SQL, Tableau**

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## Experience: Freelance & Self Research

Click to get more details. The rest of my projects are available **here**.

### Current Project: Social Media Analytics Automation | *Python, Pandas, Google API Libraries, YouTube Analytics API*

- Want to learn more about it? Feel free to reach out, and let's discuss. Looking forward to talk to you!

### Proper Business Solutions - Insights for an Internet Service Provider: | *EDA, Excel, Reporting, Python*

- Employed Excel for data analysis, cleaning, and automation, extracting insights for an internet service provider.
- Identified insights: popular sectors, profitable clients, key services, and employee productivity to offer strategic recommendations. Report and presentation via a dashboard.

### Mixkit (Envato) - Growth Potential, SEO and Mini Audit: | *EDA, Python, Pandas, Matplotlib, Requests*

- Analyzed 10 countries' markets to improve SEO and recommended competitive keywords for A/B testing.
- Detected trends and identified new categories to attract users through data-driven strategies.

### Marketing Campaign Results | *ETL, Tableau Dashboard, SQL, Python, Pandas*

- Analyzed customer behavior from 2,240 profiles and provided insights to optimize marketing strategies.
- Developed an ETL pipeline in Python and presented findings through a Tableau dashboard, enhancing decision-making processes.

## Skills

*Technical*

- **Data Analytics:** ETL, Cleaning, Wrangling, Visualization
- **Statistics:** Inferential and Descriptive Statistics, Regression

*Software*

- **Proficient:** Python, SQL, Tableau, Git, Excel, Google Sheets, PowerPoint LaTeX
- **Familiar with:** C/C++, Bash, Google BigQuery, Linux

*Libraries*

- Pandas, Pymysql, Matplotlib, Statsmodels

## Transferable Skills

- **Research:** Reporting, self-learning & problem solving.
- **Teacher:** Communicate complex ideas in a simple manner, providing guidance & facilitate training sessions.
- **Remote Team Collaboration:** 3 Years of remote Teamwork experience with cross-functional teams.
- **Content Creation & Authorship:** Instructional design, manual design.
- **Validator & Recording Engineer:** Attention to detail and accurate tracking.
- **Actor & Student of the Spoken Word:** Efficient communication, storytelling & presenting.

## Education and Relevant Coursework

### M.S. in Computer Science — Paris, Fr

*Université Paris-Saclay* — *Sep. 2016 – July 2018*

Relevant Coursework: · Topological Data Analysis · Computer Graphics and Visualization · Concurrency · Distributed Computing · Algorithms in Graphs · Computational Geometry · Logic: Artificial Intelligence

### B.S. in Physics and Mathematical Sciences — Morelia, Mx

*Universidad Michoacana de San Nicolás de Hidalgo* — *Sep. 2010 – Dec. 2015*

Relevant Coursework: · Statistics · Probability · Databases · Programming Languages · Algorithms · Logics · Computational Geometry · Game Theory · Graphs, Networks and Algorithms

## Continuing Education

### Online

*The Business Intelligence Analyst Course 2022 - 365 Careers* — *Udemy*

### Currently Learning

*AWS - Solutions Architect Associate SAA-C03 - Stephane Maarek* — *Udemy*