

Data scientist with over 4 years of experience. Seeking to increase data efficiency and finding complex data patterns. Developed predictive and classification models to optimize business processes and reduce financial costs. Reduced non production time by a total of 25% equivalent to \$400,000 each month.

Experience

- **2022 – Data scientist – Alfa Consulting part of Accenture (currently)**
 - Performing data investigation to answer questions about data and/or data trends as well to determine the root cause of data quality issues.
 - Using advanced statistical techniques to provide a deeper understanding of customers or products and developing ML models with cloud service solutions platforms such as SaaS.
 - Leading a visualization team creating global dashboards with over 70 KPIs from the planning stage to production stage for multiple stakeholders.
- **2021 – Data scientist – COPPEL**
 - Developed ML models to identify potential and non-potential clients.
 - Measured trends and assigned KPIs to 13 services for a total of more than 50 KPIs.
 - Featured engineering from multiple sources for interactive dashboards.
 - Spotted anomalies/trends in more than 20 million call registers per month.
- **2020 – Research assistant – PCA**
 - Developed an autonomous ML technique for hyperparameters selection on cell images, considering a complete ETL process, data mining and data analysis from a dataset.
- **2018 – Research Collaborator – CIMAT**
 - Collaborate in a study of spontaneous and acted learn-related emotions through Deep Learning (CNN) using facial expressions and physiological signal (GSR) data from 27 participants. The model was tested it in real-time in order to detect emotions.

Education

2018	M.E. Software engineering , at Centro de Investigación en Matemáticas (CIMAT) Thesis: A model to improve the user experience in virtual reality games through reinforcement learning
2013	B.E. Telecommunications and electronics engineering , at Universidad Autónoma de Sinaloa (UAS) and Instituto Tecnológico y de Estudios Superiores de Occidente (ITESO)

Personal information

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Portfolio

andresmitre.github.io

Technical Skills

Data collection, data pre-processing and analysis, modeling, data evaluation and automation, user interfaces, software engineering.

Programming languages

Python, SQL, VBA, R

Software knowledge

Microsoft Power Platform, Azure resources, Tableau, SPSS, MATLAB, Linux.

Soft Skills and strengths

Data driven decisions, leadership, agile project collaboration, creativity

CliftonStrengths report ([report](#))

Awards and certifications

- 5 publications in computer science journals and conferences ([profile](#))
- Microsoft Certified: Power Platform Fundamentals ([certificate](#))
- Data visualization with Tableau ([certificate](#))
- IBM Data Science Specialization ([certificate](#))