

Edwin Jeremías Agustín Yack

Quality Assurance | Database Administrator | Machine Learning Developer | Data Analyst

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Education

Instituto Tecnológico De Las Américas -La Romana

Analytics and Data Science - Technologist

1/2024 – 8/2026

Projects

Behavior of multiple bank

The report analyzes the variables affecting significant events in some of the 17 multiple banks, focusing on their loan portfolios between 2022 and 2023. The data was collected from the Dominican Banking Market Information System (SIMBAD) and focuses on market development, comparing the behavior of some banks during the established periods.

Technologies Used: python, PowerBI, DAXfunctions

Key Achievements or Results: Descriptive Analysis, explanation of present based in past.

Face Recognized

Facial recognition with OpenCV using haarcascade_frontalfaces: faces are detected, and their measurements are saved in a training model stored in an .xml file. Then, these measurements are compared with those from a live video to identify matches.

Technologies Used: Python, Opencv, Tkinter

Key Achievements or Results: Recognition of people with a 75% accuracy. Adaptation to feelings recognition app.

Predict Podcast Listening Time-Kaggle

This is the second Kaggle competition I'm actively participating in, and unlike the previous one, I'm prioritizing exploratory data analysis over the creation and implementation of Machine Learning models to find the best relationships between the variables.

Technologies Used: Python, Sklearn, Boosting, Jupyter Notebook

Key Achievements or Results: Ranked 40% or above in competition. Inference of future based in past.

Skills

Programming Languages: Python, SQL, R

Frameworks/Libraries: Flask, Opencv, YOLO, Scikitlearn, pytorch

Databases: SQLServer, PostgreSQL, MongoDB

Tools: Git, Excel, PowerBI, Jupyter Notebook, Anaconda

Other: Machine Learning, Data Analysis, Dashboards, Storytelling, WebScrappling, Data Cleaning

Languages: Spanish(**Native**), English(**B1**)

Publications, Certifications & Awards

WINNER WRO Dominican Republic Future Innovators Category-EcoAlert Robot 2023

Top 20% Binary Prediction with a Rainfall Dataset-Kaggle Competition 2025

Top 40% Predict Podcast Listening Time minutes-Kaggle Competition 2025

Certifications

Intermediate to python(**Data Camp**)

Data Visualization(**Kaggle**)

Intermediate to Machine Learning(**Kaggle**)

Data Cleaning with python(**Kaggle**)