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| Data Analyst/ Business Analyst  Jerry Tafoya | (505) 804 0183 | jerry.tafoya12@gmail.com  LinkedIn: <https://www.linkedin.com/in/jerry-tafoya-420ab720a/>  Portfolio: <https://jerrydavid124.github.io/JerryTafoya.github.io/>  Albuquerque, NM 87105 |

# Education

Bachelor of Science in Computer science – New Mexico Tech – Socorro, NM May 2021

**Minor**: Mathematics. **GPA**: 3.27

# Skills

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| **Python**  Libraries: pandas, matplotlib, NumPy, Jupyter notebook  **Tableau**  Tools: Dashboards, Maps, Graphs | **AWS**  Services: S3, RDS, EC2  **SQL**  Software: SQL Server, DB Schema, DB Conversion & Scrub, CTE, Partitions and Views | **Excel**  Tools: Pivot Table, Pivot Chart  **Industry Software**  Tools: CRM Tickets, Slack, IIS, Event Viewer, Google Versioning |

# Projects

Box Office Correlation – Personal Project **–** Albuquerque, NM - Python March 2023

* Utilized **Python** to analyze 7000 movie releases to gain insights on what makes a box office movie profitable.
* Data cleaning replacing NULLS with the mean and **numerating** string values with integer values for correlation.
* Aggregated and visualized the data by using **matplotlib** and **seaborn** to compile a professional report.

SQL Covid Analysis – Personal Project **–** Albuquerque, NM - SQL February 2023

* Analyzed different aspects of a COVID DB to determine factors such as rolling vaccinations and deaths by region.
* Utilized **Views**, **CTE**’s, **JOINS** and **Partitions** to view data between different databases.

S3 Bucket File History – Work Project **–** Albuquerque, NM - Python December 2022

* Research project to provide a history of file uploads to a clients S3 Bucket for pricing purposes.
* Utilized the **boto3** library and a **paginato**r to gather file information into a **panda’s** data frame.
* Then graphed these results with **matplotlib** by year, converting Bytes into GB’s.

Airbnb sales data dashboard nyc– Personal Project **–** Albuquerque, NM - Tableau November 2022

* Created an Airbnb Dashboard for NYC to help myself save some money when visiting the city.
* Looked into values such as price by borough, room type and price by number of beds.
* Created an interactive dashboard published on tableau public for future reference.

Classification of DIDson Sonar Images – University Project **–** Socorro, NM - Python March 2021

* Worked in a research group to train machine learning models on Sonar recordings of wildlife.
* Included Image Pre-Processing techniques, CNN’s, Model Tuning and Time Series Exploration

# Work Experience

Technical Support Specialist **–** Infrastructure Technologies LLC ITPipes **–** Albuquerque, NMJune 2021 – Present

* Integrate and troubleshoot AMS systems for pipeline maintenance and inspection.
* Verify and resolve any issues with databases, their synchronization and functionality.
* Manage database migration, conversion and compliance with client’s contractors and municipalities
* Handle EC2, RDS and S3 Integration on On-Prem Servers with IIS and media storage.
* Actively balancing tickets, client follow up, SAS licensing, peer communication and live calls.

Student Grador Tutor – New Mexico Tech – Socorro, NM December 2016 - February 2018

* Evaluate student work, provide accurate and clear reports on grading. Assist in live tutoring sessions.