SHEHARYAR MONNOO

sheharyarmonnoo@gmail.com

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

- Data Professional with a strong background in Python, Database Management, and integration of services (such as machine learning or analytics) with existing software systems
- Passionate about driving positive impact on the environment and promoting sustainable practices

PROFESSIONAL EXPERIENCE

Finance Data Scientist   **Dallas, TX**
Beacon Oral Specialists – Healthcare Startup   November 2021 – Present

- Developed **Python code** for production with **integration across multiple reporting systems** through APIs, resulted in reduced monthly close time from 3 weeks to 3 days
- Built **optimization model for revenue reporting**, resulting in a streamlined finance reporting process applying Sequential Least Squares approach to minimize objective function. The model was designed to take transactional payment and charges data as input and produce anticipated payments for each location
- Developed **budget models** for corporate expenses through **times series analysis**. Communicated various model results and emphasized **feature importance** for revenue in different **customer segments**
- **Maintained finance database** and data flows for a suite of software tools, including performing data pre-processing and post-processing and optimizing data for machine learning and analytical models

Revenue Data Analyst   **Dallas, TX**
Fresenius Medical Care North America   January 2021 – November 2021

- Developed and **maintained ETL pipelines** for a revenue-payor data, handling large volumes of data from diverse sources within the company and ensured data integrity throughout the process
- Improved month-end-reporting turnaround by 30% through development of automation tools and **cloud pipeline workflows** aimed at retrieving & processing data from multiple sources

Finance Data Analyst   **Tulsa, OK**
Verizon   January 2019 – December 2020

- Conducted **scenario and sensitivity analysis** for expected outage losses utilizing historical variances to provide adjustments for receivables write-offs or settlements
- **Automated data preparation process**, producing outputs for high-level reports by manipulating data sets utilizing VBA, Python and SQL

TECHNICAL SKILLS

Programming: Python: Advance Proficiency, PowerShell, SQL, NoSQL, VBA
Database: Azure: Data Factory (ADF), Data Lake, Snowflake
Cloud: Heroku, AWS: Lambda, S3, EC2, Azure: Blob Storage, Functions

EDUCATION

Master of Finance, Financial Risk Management   **Norman, OK**
University of Oklahoma, Price College of Business   August 2021

Bachelor of Science in Management, minor in Entrepreneurship   **Gainesville, FL**
University of Florida, Warrington College of Business   December 2018