NEEL SREJAN

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Objective

Aiming to lead projects to complement my growing MBA skillset by utilizing my technical expertise in data analytic tools. I am looking to transition into roles where I can lead and influence quality and sustainability initiatives through strategic, data-driven decision-making, eventually guiding teams and organizations towards achieving business excellence.

Work Experience

GENMARK DIAGNOSTICS (ROCHE) – QUALITY CONTROL SPECIALIST III | Data Analytics   April 2024 - Present
Develop cross functional automated scripts to aid in the development of new market assays

- Selected by Global Roche as an exemplary AI practitioner to spearhead a 6-week Google AI Adoption Program, overseeing instruction, mentorship, and resource support for 100 cross-departmental learners, driving enterprise-wide AI integration and skill enhancement.

- Developed and automated a data visualization process using JMP scripting for 8 assays, integrating a Python program to compile and organize charts into a PowerPoint presentation for lot reviews, enhancing quality analysis with actionable user-driven recommendations, saving up to $15k annually

- Engaged with R&D and Assay Transfer in cross-functional sessions to design data visualizations, driving assay advancements and product stability, prior to commercial launch thus supporting commercial Quality Control objectives

GENMARK DIAGNOSTICS (ROCHE) – QUALITY CONTROL SPECIALIST II | Data Analytics   April 2022 - April 2024
Contribute to releasing QC tested lots through comprehensive data analysis and reporting for efficient and accurate decision making thus ensuring product quality.

- Conducted daily produce reviews and releases for lots totaling $100k in value
- Engineered a python script that QC uses to automate daily emails to the broader company and stakeholders, saving up to $15k annually
- Revamped the existing Out of Specification tracker to deliver comprehensive monthly performance metrics using Tableau
- Consolidated calculation logic for various dilution techniques into a single spreadsheet to be referenced by QC operators, complying to FDA regulations
- Facilitated User Acceptance Testing (UAT) to meticulously test and document the SAP implementation process for QC
- Assumed responsibility for training and mentoring new members of the QC data review team

Skills

- **Python/R** (Pandas, Data Structures, ggplot2, dplyr)

- **SQL** (Snowflake, SQL Server, MySQL, PostgreSQL)

- **Tableau**

- **Excel** (VLOOKUP, Pivot Tables, Conditional Formatting)

- **Web Scraping/Automation** (Selenium/Beautiful Soup)

- **JMP** (JSL Scripting)

Education

UNIVERSITY OF CALIFORNIA DAVIS – Master of Business Administration – 2025 - Present

RELEVANT COURSES - 2025

Markets and the Firm   Data Analytics for Managers
Individual and Group Dynamics   Qualitative Tools for Business
The Business of Healthcare

UNIVERSITY OF CALIFORNIA SAN DIEGO – Bachelor of Science - 2015-2020

- Major: Biology with specialization in Bioinformatics | Minor: Cognitive Science

RELEVANT COURSES - 2018-2020

Bioinformatics Databases	Data Science in Practice
Bioinformatics Algorithms	Advanced Data Structures and Algorithms
Bioinformatics in Practice	Academic Papers

GOOGLE DATA ANALYTICS CERTIFICATE – Data Analyst Student – August 2021

Projects

YOUTUBE ANALYTICS - November 05, 2021 – January 2022

Extract and analyze data YouTube data from a user's YouTube channel to construct a personalized dashboard of relevant data visualizations.

- Created a Python script to collect, clean, and curate data from YouTube's Data, Analytics, and Reporting API's into 600k JSON objects and organized into dataframes using the Pandas and NumPy libraries
- Prepared CSV/Excel files through T-SQL queries on relevant data to clean and fashion an interactive dashboard for clientele
- Increased subscriber count by 29% (101), viewership by 26% (6,300), and average view percentage by 40% over 2 months in the channel's 15-month history

GOOGLE DATA ANALYTICS BELLABEAT ANALYSIS - August 2021

Uncover patterns in data to shape the direction of development of Bellabeat app features.

- Processed 8.1+ million rows of data using T-SQL queries to partition data on core features
- Modeled, visualized, and interpreted patterns within user activity data using regression models and other statistical techniques
- Proposed 8 features to add to the Bellabeat app to facilitate increase Bellabeat product usage and user activity

COVID VACCINE FINDER – March 2021

Identified and developed a patch for sub-optimal functionality in vaccines.gov search portal listing invalid results for COVID vaccination providers.

- Utilized Selenium to develop an automated process to gather a lost of all zip codes within a user defined range, filtered by demographic parameters per zip code, and identify valid locations and providers with probable vaccine availability
- Discovered 223 additional locations and providers that had COVID vaccination availability within 50 miles of the input zip code for person use as proof-of-concept

Leadership

ZOR – Bollywood dance team captain - 2016-2018

- Directed and choreographed the creation of a winning performance with 28-hour practice weeks through planned practices with delegation of duties to 4 other captains and oversaw teaching to 20 members
- Designed a $3,000 set's backdrop for a national level performance through a collaborated effort among 4 captains