NAMRATA JOSHI

Data Analyst

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Vancouver, Canada

SUMMARY

A data analyst with a healthcare background and 10+ years of clinical experience, passionate about strategically analyzing data to solve complex business problems. With expertise in data collection, effective problem solving and communication gained from my past experience, combined with my technical skills, I can provide support to help businesses make data-driven decisions.

TECHNICAL SKILLS

- SQL
- Tableau
- R Programming
- Google BigQuery
- Microsoft Excel
- Google sheets

CERTIFICATIONS/ COURSEWORK

Google Data Analytics Professional Certification - *Google, Coursera* — **06/2023**

SQL for Data Science - *University of California, Davis, Coursera* — **07/2022**

Introduction to Statistics - *Stanford online, Coursera* — **08/2022**

Work Smarter with Microsoft Excel - *Coursera* — **06/2022**

Health Informatics Specialization - *John Hopkins University, Coursera* — **06/2022**

Understanding Canadian Healthcare system - *McMaster Continuing Education* — **11/2022**

PROJECT WORK

Analysis of Space Missions - (R programming)   View Project

- Explored, cleaned, transformed and analyzed space missions data using **R programming.**
- Built visualizations using R code to represent the trends in the missions data over time to answer the business questions.

Google Data Analytics Capstone Project- *(SQL and Tableau)*   View Project

- Prepared, cleaned and analyzed the Fitbit dataset in **BigQuery** and built an interactive **Tableau** dashboard to provide insights and recommendations addressing the business problems.

Covid Data Exploration and Analysis- (*Excel, SQL and Tableau)*   View Project

- Prepared Covid data in **MS Excel** and analyzed it in **Big Query**.

- Created an interactive **Tableau** dashboard representing key findings of world-wide covid deaths and fully vaccinated population percentages in North America.

Stroke Data Exploration & Analysis- (*Excel)* [View Project](#)

- Prepared, Cleaned and analyzed stroke data with a creation of an Excel visualization dashboard.

Analysis of McDonald's Menu- *(Google Sheets)* [View Project](#)

- Analyzed McDonald's Menu dataset to find products with specific nutrition values using **aggregate functions**, **conditional formatting** and various **charts.**

OTHER PROFESSIONAL EXPERIENCE

Physical Therapist, *Various Skilled Nursing Facilities, CA, USA* **08/2014 - 02/2021**

- Strengthened organizational procedures by thorough analysis and designing effective treatment strategies for **35-40** patients weekly to increase their treatment outcomes by **60%**.
- Collected and organized patient's health data in **EMR software** tools like **Point Click Care, Casamba** and **Rehab Optima** ensuring HIPAA regulations to maintain data privacy.

Pediatric Physical Therapist, *Movement Matters Rehabilitation, NY, USA* **11/2012- 07/2014**

- Analyzed health data of caseload of **25-30** pediatric patients on a quarterly and annual basis to ensure meeting of target goals and metrics.
- Designed Intervention based **power-point presentations** for teachers and parents in a special education school setting to present recommendations to improve patient health outcomes.

Physical Therapist, *Ace Healthcare Resources, LLC, NY, USA* **07/2010 - 02/2012**

- Streamlined rehabilitation action plans for an average of **15** patients daily in an outpatient orthopedic facility to increase patient outcomes by **50% or more.**
- Strengthened team collaboration and organizational procedures by developing efficient workflow and documentation to increase productivity by **10%.**

EDUCATION

Masters of Exercise Science and Rehabilitation *Brooklyn College, CUNY, New York*

Bachelors of Physiotherapy *Srinivas College of Physiotherapy, India*