Priyanka Karamchandani

Lynnwood, Washington | LinkedIn | Portfolio | Github | pri.ppk@gmail.com | 201.920.8138

Data Analyst

Compile and Interpret Data | Present and Report Results | Impact Strategic Decision Making

Highly motivated and dynamic Data Analyst curious to uncover insights and craft compelling narratives through data visualization. Proficient using data insights to inform strategic decisions and improve business outcomes.

Known for seamless project management, blending meticulous organization and attention to detail to drive impactful results. Utilize strong communication skills and teamwork to problem solve and explain complex information.

Skills

- **Technical:** Tableau, Power BI | PostgreSQL | Python, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook | GitHub | MS Suite

- **Data Ethics:** Data Bias | Data Security and Privacy | HIPAA Compliant | OSHA Compliant | Informed Consent | Anonymization | De-Identification Methods | Transparency Practices | BLS/CPR Certified

Professional Projects

Data Analyst   **2023-2024**
Career Foundry, Berlin, DE
Preparing for Influenza Season
Developed a strategic staffing plan for medical agency by analyzing seasonal trends using Excel and Tableau.
- Improved staffing efficiency with data cleaning, profiling, and VLOOKUP integration.
- Performed comprehensive hypothesis testing and statistical analysis using Excel, uncovering trends that led to a 25% reduction in operational costs and a 10% boost in overall revenue
- Identified states needing additional staffing using geospatial analysis in Tableau.

Rockbuster Sleath Online Video Service
Analyzed Rockbuster Stealth LLC's movie rental business model to formulate an online video rental strategy using SQL and PowerPoint.
- Increased customer lifetime value by identifying top-performing movies and regions.
- Provided data-driven recommendations by extracting insights from SQL databases on revenue, rental duration, and sales variations.

Instacart Basket Analysis
Analyzed Instacart's customer purchasing behaviors to uncover sales patterns and segment customers for targeted marketing campaigns using Excel and Python.

- Optimized marketing strategies by identifying key customer demographics and purchasing behaviors.
- Utilized Python libraries (Pandas, Numpy, Seaborn, Matplotlib.pyplot, Scipy) for data analysis and visualizations.
- Increased revenue from advertising and product placement by creating customer profiles and identifying shopping trends.

Heart Disease Risk Factors: Correlations and Predictive Patterns
Applied machine learning techniques and designed visualizations to predict heart disease risk using Python and Tableau.
- Identified strong variable relationships using correlation matrix heatmaps and scatterplots.
- Conducted regression analysis, k-means clustering and time series analysis to predict data progression.
- Presented actionable recommendations through an interactive Tableau Storyboard.

Professional Experience

General Dentist   **2019 - Present**
Seattle Roots Community Dental Clinic, Seattle, WA
- Increasing patient satisfaction scores by 41% by explaining treatment steps and providing pain management techniques.
- Conducted training sessions and provided feedback for dental assistants, improving their skills and streamlining processes.

General Dentist
Pacific Dental Services, Marysville, WA   **2018 - 2020**
- Led clinical expansion initiatives, designing programs and team-building activities.
- Reduced chair time for dental procedures by 40% using advanced Cerec technology.

General Dentist
Dental One Partner, Spring, TX   **2016 – 2018**

Education

Data Analytics Program Certificate   2023 - 2024
Career Foundry, Berlin, Germany

Google Project Management Professional Certificate   2022 - 2023
Coursera

Doctor of Dental Surgery   2013 – 2016
NYU College of Dentistry, New York, NY