

PRAJAKTA SHINGAVI

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QUALIFICATIONS PROFILE

Highly enthusiastic and knowledgeable in R, MySQL & Statistics, looking to grow in the field of data analytics. Skilled in leveraging and translating data into useful information for making data driven decisions by extracting, querying, exploring, summarizing and analyzing data. Exceptional collaborative and interpersonal skills; able to build exceptional rapport with clients. My skills include:

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|-----------|------------------------|---------------------------------|
| • R | • Data Cleaning | • Medical terminologies |
| • MySQL | • Data Exploration | • Medical coding |
| • Tableau | • Statistical Analysis | • Electronic health Records |
| • Excel | • Data Visualization | • Problem solving skills |
| • Access | • Report Writing | • Communication & Collaboration |

PROJECTS

Maternal & Child Health data analysis for Timore Leste (R, Tableau, Excel)

Liga Inan mHealth program of Timor Leste Health Ministry

Determine quality trends of healthcare system for Health Ministry of Timor Leste for 2016 through 2018 by analyzing women's health quantitative data. Perform data cleaning, exploratory analysis and statistical analysis using R, creating visualizations and build interactive dashboard to compare data from five different districts of Timor Leste.

Washington Health Department of Health Statistics dataset (R, Excel)

Conducted statistical analysis (descriptive and inferential) on Center for Public Health Statistics Washington state dataset to analyze how death due to myocardial infarction are affected by comorbidities like kidney diseases.

Patient Appointment Data Analysis (Python)

Analyzed patient appointment data obtained from open source (Kaggle) using Panda's library to show relationship between various variables using Jupyter notebook as a deliverable. Identified data quality and data tidiness issues. Cleaned data. Conducted exploratory data analysis by creating graphs using matplotlib library in Python to explain relationships among variables.

Instagram Dataset Analysis (MySQL)

Created tables for Instagram dataset in MySQL database using CRUD commands and conducted ad hoc analysis by querying data to aggregate, join, and sort for different use cases.

Sales Data Analysis (Tableau)

Built interactive dashboard using hierarchies, filters, and highlighting for sales data by creating calculated fields and joining data from different tables

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EDUCATION/TRAINING

Post Baccalaureate in Health informatics and Health Information Management, June 2019

University of Washington, Seattle

Bachelor of Ayurveda Medicine and Surgery

Maharashtra University of Health Sciences, India

Nanodegree, Data Analyst

Udacity

Statistics

Renton Technical College

PROFESSIONAL EXPERIENCE

Health Alliance International • Seattle, WA • 2018 to Present

Student Assistant to HR Director

Analyzing Maternal health quantitative data to check the trend of quality of health system in Timore leste. Gathered, cleaned employee data and conducted exploratory analysis on workforce history for international offices. Creating HR dashboard for the HR director. Reconcile errors in HR databases. Maintain and Update HR databases. Assist the HR director to analyze effort estimations and crosscheck the calculated efforts against time sheets filed by the employees. Streamline HR documents for annual Audit purposes.

Cotiviti Healthcare • Pune, India • 2015 to 2016

Research Analyst

Reviewed rules for research-related queries pertaining to CMS medical coding guidelines. Conducted research to explore potential opportunities to expand the medical policy set. Completed professional training for advanced Excel and medical coding (ICD-9, CPT, HCPCs) and US healthcare standards (claim forms, Reimbursement methodologies).

Chikittsa Wellness Management Pvt. Ltd • India • 2013 to 2015

Clinical Consultant/Manager

As a doctor, I examined patients' physical conditions, medical histories, and test results and provided appropriate treatment for orthopedic disorders, maintaining accurate clinical documentation. I analyzed patient demographic data to support strategic decisions for business expansion. Analyzed patient appointment data to support marketing tactics. Managed the administrative and operational activities for three regional clinics, growing the business to nine clinics.

Key Accomplishments:

- Lead process improvements, optimizing intake processes to reduce wait time, developing effective workflow procedures to maximize productivity, increasing revenue by 20%.

- Provided more than 60 % relief in patients with back and neck pain by prescribing combination of external treatments, medicines, and exercises.
- Was Interviewed on TV show to talk about external treatments for orthopedic disorders