

Rhythm Pandhi

CLINICAL DATA SCIENTIST | DATA ANALYST

Atlanta, GA

+1 (678)-400-3007 | rhythm.pandhi@gmail.com | [dr-rhythm-pandhi](https://www.linkedin.com/in/dr-rhythm-pandhi) | Work Authorization: H4 EAD

Professional Summary

A clinical data scientist with over 5 years of hands-on experience in the healthcare sector. Diverse background spanning from direct clinical dental care to pivotal roles within premier Clinical Research Organizations (CROs). Expert in leveraging statistical, computational, and machine learning methodologies to bolster clinical trial outcomes, streamline health system workflows, and pioneer innovations in healthcare delivery.

Skills

Programming	Python, R, SQL
Software	Microsoft Excel, MySQL, PostgreSQL, Snowflake, Jira, Sharepoint, Tableau, PowerBI, ArcGIS pro
EHRs	Epic, Cerner, dentrix
Probability and Statistics	Measures of Distribution, p-value, predictive analysis, Descriptive statistics, ANOVA, t-test
EDCs and Study Platforms	Medidata Rave, Medidata Detect, InForm, Inforsario, CTMS, Quintiles CM Platform
AI/ML	Pandas, Scikitlearn, NumPy, Machine learning algorithms, predictive analysis, statistical analysis
Soft Skills	Attention to detail, Multi-tasker, Adaptable, Self-motivated, Curious

Work Experience

3DHEALS LLC

San Francisco, CA

Clinical Data Scientist Intern

May 2023 - July 2023

- Developed a **Machine Learning model** to rate and ascertain a company's investment risk profile using libraries like **pandas, NumPy, scikitlearn**.
- Researched and analyzed a global portfolio of 3D bioprinting companies to evaluate public/private companies quantitatively and qualitatively.
- Conducted **quantitative and qualitative analysis** on a global portfolio of 3D bioprinting companies, leading to informed investment decisions.

IQVIA

Mumbai, India

Centralized Monitor, RBQM(Clinical Analytics)

Apr 2021 - Sept 2022

- Managed the operational insight of the assigned project and complete study/site trend analysis to devise decisions, monitor **COP compliance**.
- Contributed to development and use of study management plans/ DTE specific tools to evaluate the quality and integrity of the study.
- Contributed to development of data analysis methods and procedures for **mining study data**; performing the **trend analytics** for their respective studies
- Managed project resources (CRAs/ CTAs/Centralized Monitoring team).
- Maintained advanced knowledge of clinical trial conduct, and skill in applying applicable clinical research regulatory requirements; **ICH GCP** and relevant local laws, regulations and guidelines, towards clinical trial conduct.
- Utilized SAS to assess raw clinical study data for clinical trial analysis.
- Performed Clinical trial data modelling using PowerBI to present study data to sponsors.
- Demonstrated expertise in research ethics submissions and maintenance, ensuring compliance with **eTMFs and eCRFs**.

IKS Health

Mumbai, India

EMR Clinical Associate

Sept 2019 - Apr 2021

- Optimized data extraction, transformation, and integration procedures from **EHR systems such as Epic and Cerner**, leading to a 25% optimization of Scribble Software.
- Collaborated with more than **30 providers** from various **US hospitals** to help document Ambulatory visits for specialties such as psychiatry, pediatrics, internal medicine, and pediatric cardiology for documentation of clinical records in various EHRs.
- Audited various ambulatory care and health systems organizations' outpatient and in-patient services to identify documentation deficiencies, and missed charges, to ensure proper assignment of **ICD-10, CPT and HCPCS** codes according to official coding guidelines.
- Developed a deep understanding of the US healthcare system, the Healthcare RCM model and HIT.
- Ensured compliance with U.S. Health Insurance Portability and Accountability Act (HIPAA).

Brijesh Dental Clinic

Delhi, India

Associate Dentist

Jan 2018 - Aug 2019

- Performed routine and advanced prophylactic periodontic procedures on at-risk patients identified through routine periodontal exams.

Manipal Hospitals

Bangalore, India

Dental Intern

Aug 2016 - Dec 2017

- Provided routine prophylactic dental care to patients.
- Tracking and reporting on key performance indicators within the dental practice, such as patient satisfaction or treatment outcomes.

Education

Cambrian College

Ontario, Canada

Health Analytics and Computer Programming

Sept 2022 - Aug 2023

- Epidemiology and Biostatistics | Clinical study design | Data Wrangling | Management of Health Data | ML in Healthcare | Programming for Analytics | Stats and Data Visualization

Kasturba Medical College, Manipal University

Karnataka, India

Bachelor's in Dental Surgery

July 2012 - December 2017

- Pain Management | Clinical Experience | Oral Diagnostics | Public Health | Pathology | Microbiology | Pharmacology | Radiology

Certifications

SQL Bootcamp, Udemy	2023
Tableau For Healthcare, Udemy	2023
Quality improvement in Healthcare, E-QIP, Canada	2023
TCPS 2 issued for Ethical Conduct for research on humans by, Panel On Research Ethics, Government of Canada	2022
Data manipulation in python using pandas, Datacamp	2022
Fundamentals of GCP, Barnett International	2021