

# DINESH B. LAMBA M.D., MPH

Atlanta, Georgia 30084

Phone: 904-208-8495 | Email: [drlamba.dinesh@gmail.com](mailto:drlamba.dinesh@gmail.com)

LinkedIn: <https://www.linkedin.com/in/dinesh-lamba-7035a99>

## SUMMARY

Experienced Healthcare Business Analyst and highly regarded Subject Matter Expert for strong applied Clinical expertise. Strong passion to gather and interpret healthcare data for organizations for decision making and improving Healthcare quality and Patient care. Excellent reputation for resolving problems, improving customer/patient satisfaction, and driving overall operational improvements. Former physician with a strong clinical foundation and technical competency in data science tools such as Tableau, MongoDB, and pandas, to name a few. Positive attitude with an ability to learn, work in a challenging environment, build relationships, and become a knowledgeable, dependable, and passionate employee for the Organization.

## TECHNICAL SKILLS

**Tools:** Python, Pandas, NumPy, Matplotlib, Flask, SQLAlchemy, APIs, Jupyter Notebook, Bootstrap, Tableau, D3.js, Leaflet.js, Plotly, HTML, CSS, JavaScript, MS VBA, Machine Learning and AI

**Databases:** PostgreSQL, MongoDB

**Clinical:** HIPPA, ICD-9 & ICD-10 codes, HCC guidelines, Citrix NextGen EHR, CareSentry, Optum 36-MRA software

## PROJECTS

### **Project: Identifying Risks Factors of Heart Attack (Stage 1)**

Used an array of data that included age, weight, gender, and various vitals collected from 70,000 users to test project hypothesis on the correlation of lifestyle choices, blood indices, and body indicators to propensity of heart attack. Clinical foundation skills were vital to draw factual conclusions of correlation between health indicators and risk of propensity of getting a heart attack.

- Tools Used: Python and Pandas

### **Project: Electric Car Charging Stations**

Used data of major cities in the United States to find Charging Stations within a set radius and create visualizations to display the results. Personal experience of planning trips aided in keeping end-user in mind with the intent to offer an easy search for electric car charging stations.

- Tools Used: Python, Pandas, PostgreSQL, HTML, and CSS

### **Project: Predicting Risks of Heart Attack (Stage 2)**

Predicting a heart attack using concluding data that correlated lifestyle choices, blood indices, and body indicators to propensity of heart attack. Clinical foundation skills were vital to apply conclusions from Stage 1 Project of drawing correlations to conclusively diagnose the probability of getting a heart attack.

- Tools Used: Python, Pandas, D3.js, Machine Learning, Plotly, and CSS

### **Project: Automated Health Insurance Claims verification system**

Implemented an automated claim adjudicating system for policy holders, general users and Health care professionals in three phases. Served as a Business Analyst, which involved implementation of claim intake process phase. Responsibilities involved gathered and documented requirements, test plans, test cases, defects and change controls in quality, and use cases diagrams from the requirements.

- Tools/Languages: Unified Modeling Language (UML), Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Project 2010, Microsoft Visio

## **EXPERIENCE**

### **Healthcare Business and Risk Assessment Analyst**

Jan 2013 – Oct 2014

#### **Family Care Partner (FCP)**

Jacksonville, FL

Served as the Organization's lead, as Healthcare Quality and Risk Analyst, to implement Accountable Care Organizations (ACO) goals and objectives and Medicare Risk Adjustment (MRA). Responsible for implementing policies and procedures related to Medicare Global Risk adjustments plans. Managed the Disease Management team by providing Care Management Services via Cardiocom and Dexcom. Served on the Utilization Management team as an SME.

#### *Key Accomplishments:*

- Prepared annual submission of risk adjustments reports to Centers for Medicare & Medicaid Services (CMS) to ensure proper risk adjusted plan payments. Thorough documentation and risk auditing increased the FCP's annual reimbursement by approximately 25%.
- Created Electronic Health Record (EHR) templates in Citrix and Optum MRA software for thorough documentation and efficient auditing. These templates are still in use as part of FCP's Business Operations.
- Responsible for implementing policies and procedures related to Medicare Global Risk adjustments plans.
- As an SME on the Utilization Management team, clinical expertise was vital for reviewing evidence-based guidelines, which helped FCP grow into a leading Organization to implement ACO goals and MRAs.

### **Medicare Risk Adjuster**

Oct 2009 – Mar 2011

#### **Family Physicians Group (FPG)**

Jacksonville, FL

Served at the Organization's Lead Medicare Risk Assessor and Healthcare Quality and Risk Analyst. Lead the Organization's Disease Management team. Was responsible for accurate- reimbursements from CMS as a result of thorough documentation of risk reduction of enrolled patients and medical necessity.

#### *Key Accomplishments:*

- Lead healthcare quality and risk analyst for FPG by thorough auditing of patient charts, at more than 15 affiliated Physicians' offices, for accurate documentation of the ICD-9 CM codes, communicate latency in documentation, and determine risk scores to calculate approximate reimbursements for care provided by FPG.
- Managed the FPG's Disease Management team by monitoring daily reports of patients' health status via electronic reporting tools for Heart Failure, Diabetes Mellitus, COPD and CKD Stage IV, V and ESRD patients. Work involved daily review patient communicated health conditions to determine the level of care necessary (PCP visit, Urgent Care or ER) and communicating with the appropriate team to receive and treat patients.
- Presented at monthly Corporate Board meetings on status of risk assessments as a result of conducted audits, areas of improvements, Physicians' offices in compliance and glide path to being 100% compliant.
- Created templates in MS Word, Excel, and Project for status documentation, establishing milestones for visiting Physicians' Offices, audit reporting, and submittal for CMS reimbursements. These templates are still used today as FPG's Business Operations.

## EDUCATION

**Data Analytics Certification: Georgia Institute of Technology, Atlanta, GA (2019)**

24-week intensive Data Science and Analytics Boot Camp program focused on gaining technical training and programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

**US Medical Licensing Examinations (USMLE) Certification (2018)**

Certification issued by the USMLE/ECFMG Board for passing the USMLE Exams in the 92<sup>nd</sup> percentile.

**Business Analyst and Quality Assurance Certification: H2K Infosys, Atlanta GA (2018)**

12-week Online course focused on learning Business Analysis tools and techniques, Quality Assurance testing platforms, and Software Development Life Cycle. Course included a 4-week internship on real-time with North America Med Tech Group, implementing an automated claim adjudicating system for policy holders, general users and Health care professionals.

**Clinical Research Diploma: Kriger Research Center, Ontario, Canada (2008)**

12-month course covered concepts associated with guidelines associated with initiating clinical trials' through all stages of clinical development, roles of industry governing bodies, and importance of Institutional Review Boards.

**Master's in Public Health (MPH): University of North Florida, Jacksonville, FL (2006)**

**Doctorate in Medicine: University of Pune, Pune, India (1997)**

**Doctorate in Medicine (M.D.): ECFMG, U.S.A (2018)**