

VINEET DHAMIJA

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<https://vineetdhamija.netlify.app/>

<https://github.com/VineetDhamija?tab=repositories>

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Summary

Data Scientist adept in Tableau and Power BI with a zeal to deep dive into data, with over 9 years of past experience in Mainframe Development and Devops having exceptional skills in all areas of software development: designing, coding, testing, implementation and, support while leading a team of 9 resources.

Skills

Certifications:

Tableau Desktop Specialist

Professional Scrum Master-1

Languages

Python

R

Cobol

CICS

REXX

JCL

Db2

MySql

Tools

Tableau

PowerBI

Kibana

Grafana

RStudio

Anaconda

VS Code

Jupyter Notebook

IBM Cognos

PowerQuery

Rally

Splunk

NDVR

RMDS

Eclipse

IntelliJ

MQ

Microsoft Project

OPC

Strobe

Education

Data Analytics in Business

St Clair College, Windsor, ON (August 2022, GPA 4.0)

Bachelor of Technology Computer Science (Honors)

Lovely Professional University, Punjab, India (June 2011, GPA 3.14)

Projects

Data Driven Car Following

- Implemented Data Driven Car Following model predicting Acceleration and vehicle Trajectory in a single Lane Car following using US transportation provided NGSIM open data.
- Trained the models post ingestion, cleanup, transformation of the existing NGSIM data.
- Compared among various Random Forest or Neural networks for predicting Acceleration and selecting Random Forest as our Model of choice based on results.
- Calculated the Trajectory of the vehicle, including Speed, Acceleration, Jerk and spacing between the Lead and the Subject vehicle using equations of motion.
- Leveraged Python for models, code for which is available in GitHub.

Healthcare Associated Infections: Comparison within States

- Analyzed the data shared by Centre for Medicare and Medicaid services to compare various Healthcare Associated Infections within US.
- Performed descriptive Analysis and presented the findings with Dashboards, as to which State needs work and which are meeting the National Average and targets.
- Leveraged Python for Data ingestion, transformation and Cleaning, Tableau for Visualizations and Dashboards.

Analysis on Airline Customer Satisfaction

- Analyzed Customer Satisfaction Data from Kegg challenge.
- Performed Descriptive and Prescriptive analysis on the data to share the insights as well as recommendations to increase customer satisfaction.
- Leveraged Python for Data ingestion, transformation, Cleaning and Visualizations.

Work Experience

Windsor Regional Hospital

Intern Data Analyst

Windsor, Ontario

June 2022 – Present

- Enhanced the existing patient Dosimetry(CT Scan) tracker in php.
- Performed Descriptive insights for the existing Dosimetrist performance.
- Automated the report generation from MySql database leveraging open-source tools.

United Health Group(Optum Global Solutions Pvt. Ltd)

Gurgaon (India), New Jersey (USA)

Software Developer→Associate Software Engineering Manager

October 2011- April 2021

- Senior Mainframe & Java Developer in a project generating revenue of \$ 2 Million per month.
- Adept in both Agile and Waterfall development model.
- Led the migration from Mainframe (Batch and Online) to Distributed (Java Spring Boot APIs).
- Adept in all phases of SDLC life cycle, requirement gathering, design, development, testing, implementation, and Support.
- Developed and Maintained software as per specification in Cobol or Springboot Java APIs.
- Submitted Bright ideas for Lean improvements or Business Ideas within application which resulted in more than 20 Million USD in application cost saving over the years.
- Maintained quality of developed code using Sonarqube, Fortify Scans, code review and audits.
- Assisted and supported in Test planning (System/User Acceptance) and performed Unit and Performance Testing.
- Managed a team of 9 resources from both Development and Devops teams seasoned in Mainframe or Java or both technologies.