

VINEET DHAMIJA

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

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

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Summary

Data Analyst 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.

Core Competencies

Analyst	Storyteller	Developer	Problem Solver	Critical Thinker	Dedicated	Healthcare
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Skills

Certifications:

Tableau Desktop Specialist

Professional Scrum Master-1

Languages

Python	R	Cobol	CICS	REXX	JCL	DB2	MSSQL	Oracle	MySQL
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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

Work Experience

Windsor Regional Hospital

Windsor, Ontario

Intern Data Analyst

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.
- Planned and implemented the migration of the applications 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 leveraging Agile or Waterfall model.
- Developed and Maintained software as per specification in Cobol or Springboot Java APIs.

- Developed Kibana and Grafana Dashboards to share real time reports with Business.
- 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 blended Development and Devops team of 9 resources using the scrum principles.

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 savings the models to compare and select.
- Calculated the Trajectory of the vehicle, including Speed, Acceleration, and spacing between the Lead and the Subject vehicle using equations of motion.
- Leveraged Python for models. Reports and 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 Exploratory Data 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, Data transformation and Data Cleaning, Tableau for Visualizations ,Dashboards and storytelling.

Analysis on Airline Customer Satisfaction

- Analyzed Customer Satisfaction Data from Kaggle challenge.
- Performed Descriptive and Prescriptive analysis as part of Exploratory Data 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.

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 3.1)