

# Vivek Baghel

LinkedIn: [vivekbaghel](#)

Email: [baghelviveko61@gmail.com](mailto:baghelviveko61@gmail.com)

GitHub: [8057vivek](#)

Mobile: +91 7995074639

## SKILLS

Languages:	C++, R, C, Python
Frameworks/Libraries:	HTML, CSS, JavaScript, NLTK, scikit-learn, Pandas, NumPy, ggplot2
Tools/Platforms:	Power BI, Tableau, MySQL, Hadoop (Basics), Git, GitHub, VS Code, RStudio.
CS Fundamentals:	DSA, OOPs, DBMS, Operating Systems, Computer Networks, Discrete Mathematics
Soft Skills:	Problem-Solving, Teamwork, Adaptability, Quick Learner

## PROJECTS

Ultimate Weather App	Feb'-March 2025
<ul style="list-style-type: none"><li>Developed a sleek and responsive weather web application using HTML, CSS, and <b>JavaScript</b>, integrated with the Open Weather API.</li><li>Features include real-time weather updates, city-based weather search, 5-day forecast, interactive graphs, wind/humidity data, and precaution tips.</li><li>Focused on creating a clean and user-friendly interface for seamless interaction.</li><li><b>Tech Stack:</b> HTML, CSS, JavaScript, <b>OpenWeatherMap API</b>, Vercel (Hosting).</li></ul>	
Adidas Sales & Performance Dashboard	Jan' 2025 -Feb' 2025
<ul style="list-style-type: none"><li>Designed an interactive Power BI dashboard to track and analyze sales and <b>performance metrics</b> for Adidas.</li><li>Integrated DAX functions, <b>KPIs</b>, and data modeling to provide actionable insights, with advanced filtering and drill-through slicers for real-time data exploration.</li><li>Applied <b>ETL</b> processes and data optimization techniques to ensure accurate and efficient data analysis.</li><li><b>Tech Stack:</b> Power BI, DAX, Data Modeling, ETL.</li></ul>	
Customer Churn Analysis (EDA & ML)	Nov 2024 - Jan'2025
<ul style="list-style-type: none"><li>Conducted exploratory data analysis (<b>EDA</b>) using <b>Pandas and Seaborn</b> to uncover key factors contributing to customer churn.</li><li>Built and optimized machine learning models, including <b>Decision Trees</b> and <b>Random Forest</b>, to predict churn more accurately.</li><li>Evaluated model performance with confusion matrices, classification reports, and <b>cross-validation</b> to ensure reliable, data- driven insights</li><li><b>Tech Stack:</b> Python, Pandas, Seaborn, scikit-learn, Decision Trees, Random Forest.</li></ul>	

## Summer TRAINING

Board Infinity's LPU Summer Training Program (Jun-Jul 2024)	Jun' 2024 – Jul' 2024
<b>Library Management System (C++)</b> <ul style="list-style-type: none"><li>Built a Library Management System in C++ for managing books and transactions.</li><li>Implemented core features like add, delete, search, issue, and return.</li><li>Used linked lists and stacks with efficient algorithms for smooth operations.</li></ul>	

## CERTIFICATES

Responsible & Safe AI Systems   NPTEL	Oct' 2024
Data Structures and Algorithms  Board Infinity	Apr' 2024
Data Analysis with Tableau   Coursera	Nov' 2023

## EXTRACURRICULAR ACTIVITIES

**Volunteered in Community Development Project (CDP):** Coordinated and resolved meal initiatives for underprivileged individuals, highlighting organizational and community engagement skills

## EDUCATION

Lovely Professional University	Phagwara, Punjab
Bachelor of Technology in Computer Science and Engineering, CGPA: 8.21	Pursuing
Lucent International School, Dehradun	Dehradun, Uttarakhand
Intermediate (86%)	Mar' 2020 – May' 22
Shree Kunjilal Gulkandi Devi Public School , Agra	Agra, UttarPradesh
Matriculation (79%)	Mar' 2019 – May' 2022