

# VIVEK SINGH

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## EDUCATION

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### Lovely Professional University , Jalandhar

Bachelor Of Computer Science And Engineering, CGPA - 7.27/10

Aug 2020-Aug 2024

### Guru Nanak Modern School

Senior Secondary Education - Physics, Chemistry and Math

2018-2019

### Guru Nanak Modern School

Secondary Education- Science and Math

2016-2017

## SKILLS

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**Technical Skills** Python, Object Oriented Programming (OOPS), DBMS , MYSQL , Machine Learning , Data Analysis , Microsoft Excel, Microsoft Power BI, Data Cleaning and Processing, Data Modeling and Data Visualization

## PROJECTS

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### Revenue Insights in Hospitality Domain | Power BI, Project for Resume, Revenue Concepts

June-2024

- Designed a Power BI dashboard to evaluate important revenue metrics within the hospitality industry, helping stakeholders visualize trends and identify growth opportunities.
- Utilized data-driven analysis to inform revenue management tactics, resulting in higher occupancy levels and average daily rates (ADR) at various properties.
- Used advanced analytics methods to predict revenue patterns, which helped in making proactive changes in pricing and inventory control to maximize profits..

### HR Data Analytics | HR Domain Knowledge, Power BI

July-2024

- Developed Power BI dashboards that are interactive, visualizing important HR metrics such as turnover, recruitment efficiency, and performance trends. These dashboards support HR leadership in making data-driven decisions.
- Used HR expertise to analyze workforce data, delivering insights on employee engagement and retention to guide talent management strategies.
- Streamlined HR reporting by integrating data sources, improving accuracy and reducing reporting time, enabling teams to focus on strategic initiatives

### Cricket Analytics | Web scraping, Pandas, Power BI, Cricket Domain knowledge

July-2024

- Developed interactive Power BI dashboards to showcase essential cricket statistics and trends, allowing fans and analysts to intuitively explore data and deepen their understanding of game dynamics.
- Analyzed player and team performance metrics using domain knowledge, delivering actionable insights that informed strategies for player selection and game tactics.
- Utilized web scraping techniques to gather extensive cricket data from various online sources, employing Pandas for data cleaning and transformation to ensure high-quality datasets.

### Sales Insights | Power BI, Project Management, Sales Domain Knowledge

Aug 2024

- Designed and implemented interactive dashboards in Power BI to visualize sales performance metrics, enabling stakeholders to track trends, identify opportunities, and make informed decisions.
- Used advanced analytics to forecast sales trends and customer behavior, enabling proactive adjustments in sales tactics and inventory management to enhance profitability.

## CERTIFICATIONS

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- Create Charts and Dashboards using Microsoft Excel - (Coursera)
- Machine Learning - (Coursera)
- Data Visualization with Tableau - (Coursera)
- R programming - (Coursera)