

# Divya Agarwal

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## ABOUT ME

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Enthusiastic Data Analyst and Data Scientist with expertise in SQL, Python, and MySQL. Passionate about data-driven problem-solving, workflow optimization, and insights extraction. Skilled in ETL pipelines, data preprocessing, machine learning, and cloud platforms. Proficient in Power BI, Tableau, and statistical analysis, with a strong focus on business intelligence and decision-making. Eager to collaborate and contribute to impactful data projects.

## EDUCATION

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### Vellore Institute of Technology

*Bachelor of Technology in Computer Science with Specialization in AIML, CGPA:8.46*

Bhopal, India

August 2021 – May 2025

### S.D Vidya Mandir

*High School, Percentage: 91.4%*

Haryana, India

March 2019 - June 2020

### S.D Vidya Mandir

*Matriculation, Percentage: 90%*

Haryana, India

April 2017 - May 2018

## TECHNICAL SKILLS

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Python, C++, Machine Learning, Data Analysis, Data Visualization Power BI, Advance Excel, MySQL

## CERTIFICATIONS

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- [Google Cloud Digital Leader](#) from Google, Feb 2024.
- [Deloitte Australia Data Analytics Job Simulation on Forage](#) , March 2025.

## PROJECTS

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### Hospitality Analytics Dashboard | Technology: SQL, Power BI

Jan 2025

- Developed a Power BI dashboard for AtliQ Grands to analyze hotel bookings, occupancy rates, and revenue trends.
- Utilized SQL to extract and transform data from multiple datasets, ensuring accurate insights for stakeholders.
- Created interactive visualizations with drill-down and filter options to enhance data exploration.
- [github.com/divy-1909/Hospitality-Analytics-Dashboard](https://github.com/divy-1909/Hospitality-Analytics-Dashboard)

### SQL Music Store Analysis | Technology: Power BI

March 2025

- Performed in-depth analysis of a music store database to uncover sales trends, customer behavior, and revenue insights.
- Wrote complex SQL queries to extract and analyze key performance metrics from structured datasets.
- Created Power BI dashboards to visualize album sales, artist popularity, and customer demographics.
- Optimized query performance by indexing and structuring relational database tables efficiently.
- [github.com/divy-1909/SQL\\_Music\\_Store\\_Analysis](https://github.com/divy-1909/SQL_Music_Store_Analysis)

## EXTERNSHIP

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### SMARTINTERNZ AIML Externship | Aug 2023 – Nov 2023

- Collaborated as a Data Analyst in a team to develop an advanced market segmentation solution for McDonald's consumer dataset.
- Designed a machine learning pipeline using K-means clustering and Latent Class Analysis (LCA) to identify consumer segments.
- Utilized Principal Component Analysis (PCA) for dimensionality reduction, optimizing model performance.
- Applied statistical methods like logistic regression to predict segment memberships and validate models, aiding data-driven marketing strategies.

## EXTRACURRICULAR AND CO-CURRICULAR ACTIVITIES

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- Secured 2nd place in the intra-college Kabaddi competition (2022).
- Actively participated in college events, including tug of war and treasure hunt.
- Achieved a Geeks for Geeks Coding Profile Rank of 88,666.
- LeetCode Global Ranking: 301,757.