

Divya Agarwal

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PROFESSIONAL SUMMARY

- Detail-oriented Business Analyst and Data Analyst with hands-on experience in **SQL (SQL Server)**, **SSIS**, **SSRS**, **Power BI**, **Advanced Excel**, and **Python**. Skilled in **report development**, **data reconciliation**, **query optimization**, and **automation using Excel VBA**. Passionate about driving data-backed decisions and streamlining reporting processes.

EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science with Specialization in AIML — CGPA: 8.46

Bhopal, India

Aug 2021 – May 2025

S.D Vidya Mandir

High School, 91.4%

Haryana, India

2019 – 2020

S.D Vidya Mandir

Matriculation, 90%

Haryana, India

2017 – 2018

TECHNICAL SKILLS

- Languages**
Python, C++, SQL (SQL Server)
- Tools**
Power BI, SSIS, SSRS, Tableau (basic), MS Access, Excel (Advanced, VBA)
- Concepts**
Data Analysis, Query Optimization, Report Automation, Reconciliation

EXPERIENCE / EXTERNSHIP

SMARTINTERNZ AIML Externship (Client: McDonald's)

Aug 2023 – Nov 2023

- Developed market segmentation reports using SQL and validated them through reconciliation checks.
- Performed clustering (K-means, LCA) and PCA to identify consumer segments and optimize model performance.
- Documented process and maintained report accuracy as per stakeholder requirements.

PROJECTS

Hospitality Analytics Dashboard (Power BI, SQL, Excel)

Jan 2025

- Built a dynamic dashboard tracking KPIs like booking rates, occupancy, revenue. Enabled real-time tracking and reduced manual reporting time by 60%.
- Structured data sources using Excel and MySQL, optimized queries, and implemented reconciliation for clean reporting.
- GitHub: <https://github.com/divy-1909/Hospitality-Analytics-Dashboard>

Driving Video Object Tracking (Python, OpenCV)

Mar 2023 – Jun 2023

- Developed a system to detect and track moving objects in videos with bounding box visualizations.
- Optimized processing to support tracking at 60 FPS and validated outputs across frames.
- GitHub: <https://github.com/divy-1909/Driving-Video-with-Object-Tracking>

CERTIFICATIONS

- [Google Cloud Digital Leader](#), Google, Feb 2024
- [Deloitte Australia Data Analytics Simulation](#), Forage, Mar 2025

EXTRACURRICULAR ACTIVITIES

- 2nd Place – Intra-college Kabaddi competition, 2022
- Active participant – Cultural and tech events (Tug of war, Treasure Hunt)
- GeeksforGeeks Rank: 88,666 — LeetCode Global Rank: 301,757