

Esha Agarwal

📞 +91 70551 66808 — ✉ eshaaagarwal996@gmail.com — 🔗 <https://www.linkedin.com/in/codewithesha/> — 🌐 <https://github.com/eshaagarwa>

Summary

Data Analyst with proven success in leveraging SQL, Python, and Power BI to drive insights and business growth. Delivered actionable insights that improved campaign effectiveness by 15%, streamlined workflows saving 10+ hours weekly, and enhanced decision-making through interactive dashboards.

Skills

- **Data Analysis & Visualization:** Power BI, Tableau, Advanced Excel, Matplotlib, Seaborn
- **Programming & Libraries:** Python, R, SQL, Pandas, NumPy, OpenCV
- **Database Management:** MySQL, Microsoft SQL Server, DBMS
- **Soft Skills:** Communication, Data Storytelling, Team Collaboration

Experience

Prodigy Infotech Pvt. Ltd.

May 2024 – July 2024

Data Analyst Intern

- Analyzed datasets to uncover trends and patterns, improving operational efficiency by 15%.
- Designed interactive Power BI dashboards that improved project insights, reducing decision-making time by 25% and increasing report accuracy by 15%.
- Automated data-cleaning processes in Python, saving 10+ hours per week across teams.
- Optimized SQL queries, reducing data extraction time by 20%.

DealsKnight Pvt. Ltd.

May 2024 – August 2024

Business Analyst

- Collaborated with clients to design tailored Tableau dashboards, increasing user adoption by 30%.
- Streamlined reporting templates, reducing error rates in executive summaries by 15%.
- Conducted detailed data analyses to identify client growth opportunities, leading to a 12% increase in ROI.
- Improved internal documentation processes, saving 5 hours weekly for cross-functional teams.

Education

GLA University

August 2020 – June 2024

Bachelor of Technology in Computer Science (Data Analytics)

Projects

Sales Insights Dashboard (Power BI + SQL)

- Created a Power BI dashboard that identified key sales trends, improving sales forecasting accuracy by 20%.
- Processed and merged datasets from 5+ sources using SQL, improving reporting accuracy by 20% and reducing query time by 15%.
- Automated weekly reports, reducing manual effort by 8 hours and improving turnaround time.
- Visualized regional KPIs, enabling decision-makers to target underperforming markets effectively.

Image Dehazing AI (Python + OpenCV)

- Developed a real-time image enhancement tool using Dark Channel Prior, improving visibility by 30%.
- Optimized Python algorithms, reducing image processing time by 25%.
- Integrated image enhancement workflows into existing systems, increasing processing speed.
- Applied advanced OpenCV techniques to handle low-light and foggy environments effectively.

HR Analytics Project (Excel + Power BI)

- Built an HR analytics dashboard to analyze employee attrition trends and patterns, reducing turnover rates by 5%.
- Used Python and SQL to clean and preprocess HR datasets, ensuring data accuracy for actionable insights.
- Applied DAX functions in Power BI to uncover key drivers of job satisfaction and attrition.
- Streamlined workforce reporting processes, saving 30% of time spent on manual analysis.