

Ayush Nandwana

[LinkedIn](#) • [Github](#) • [HackerRank](#) • [Leetcode](#) • [Personal Portfolio](#)

PROFESSIONAL SUMMARY

Data Analyst with 2+ years of experience at HCLTech, specializing in transforming raw data into actionable insights using SQL, Power BI, and Excel. Delivered 5+ actionable insights to project teams that improved operational efficiency and supported data-driven decision-making. Automated recurring reporting workflows, saving 8–10 hours per week in manual effort. Built interactive dashboards and KPI-driven reports to monitor performance metrics and support business reporting.

EDUCATION

Bachelor of Technology (Information technology) SRM Institute of Science and Technology	2017 - 2021 Grade: 78.72%
Intermediate (Class XII) Modi public School	2016 - 2017 Grade: 72.2%
Matriculation (Class X) Shiv Jyoti Sr Sec School	2014 - 2015 Grade: 6.8/10.0

EXPERIENCE

Software Engineer April 2022 - July 2024
Hcl Tech *Noida*

- Optimized **SQL queries** by refactoring complex joins and subqueries in the MySQL database, reducing query latency by **30%** for critical reporting workflows and improving reporting efficiency.
- Implemented **data validation procedures** by creating automated checks to identify and correct inconsistencies in structured datasets, reducing data errors by **25%** and improving reliability for downstream analysis.
- Automated recurring reporting tasks by developing **ETL-style scripts to extract, transform, and load data** from operational databases, saving approximately **30%** of manual effort in preparing weekly performance reports.
- Conducted **exploratory data analysis (EDA)** on operational datasets, identifying trends and anomalies and delivering **5+ actionable insights** that helped project teams improve process efficiency and issue resolution.
- Enhanced **data modeling and dataset structuring** for reporting datasets, improving query performance by **20%** and enabling scalable data analysis workflows and faster report generation.

PROJECTS

Amazon E-commerce ([Github](#)) January 2026

- Developed an interactive Power BI dashboard to track ecommerce KPIs including Total Revenue, Orders, AOV, MoM Growth, and Repeat Customers.
- Extracted and transformed data using SQL (joins, CTEs, window functions, aggregations) to build clean reporting tables and improve analysis accuracy.
- Analyzed category/product performance and identified top customers using ranking logic to support sales and retention strategies.
- Created insights on order delivery trends, cancellations, and delays, enabling better operational decision-making.

Zomato Restaurants Expansion ([Github](#)) September 2025

- Analyzed Zomato restaurant data using Microsoft Excel to identify optimal cities and localities for restaurant expansion.
- Cleaned and transformed raw data using Excel formulas, filters, and pivot tables to improve data accuracy.
- Evaluated key metrics such as restaurant density, average ratings, cuisine popularity, and price range distribution.
- Built interactive dashboards using pivot charts to visualize demand patterns and market gaps.
- Provided data-driven recommendations for expansion strategies based on customer preferences and competitive analysis.

CERTIFICATIONS

Professional Certificate in Data Science Newton School August 2025

- Translating business requirements into data models and interactive dashboards using Power BI
- Writing optimized SQL queries to extract, transform, and analyze large datasets

- Automating reporting workflows using Advanced Excel tools and formulas
- Performing trend analysis, variance analysis, and performance tracking
- Delivering insight-driven reports to support data-based decision making

Machine Learning Stanford University ([Link](#))

July 2019

- Completed Machine Learning certification covering supervised/unsupervised learning and model evaluation
- Built predictive models using Python with emphasis on regression, classification, and optimization
- Applied ML concepts to real-world datasets and analytical problems

SKILLS

Computer Languages: SQL, Python, SQL

Data Tools: Power BI, Power BI

Software Packages: Excel, Excel, MySQL

Soft Skills: Presentation Skills, Decision-making, Teamwork, Critical Thinking

Others: Spreadsheet, Problem-Solving, Analytics

EXTRA-CURRICULAR ACTIVITIES

Certificate of Appreciation, SRM University — Recognized for outstanding performance in Social Responsibility Activity (Soft Skills Course), Nov 2017 ([Link](#))