



Avnish Thakur

Bachelor of Technology
in Computer Science and Engineering
I.K. Gujral Punjab Technical University, Jalandhar

+91-7807280766
avnish.thakur.ds@gmail.com
Portfolio
LinkedIn

EDUCATION

Year	Degree/Certificate	Institute	CGPA/Percentage
2019-2023	B.Tech Computer Science	Indo Global College of Engineering	7.50
2018	HPBoSE(XII)	Minerva Sr. Sec. School, Ghumarwin	77%
2016	HPBoSE(X)	SVM School, Ghumarwin	86%

EXPERIENCE

- Elevate** April 2025 - June 2025
Data Analyst Gurugram
 - Improved labor cost efficiency by 15% for an Australian retail chain by evaluating 50,000+ attendance records and building 10+ KPI dashboards in Google Sheets.
 - Reduced unexpected staff turnover by 40% by developing a predictive framework using absenteeism trends and delivering actionable audit insights to management.
- Collegedunia Web Private Limited** Jan 2025 - Mar 2025
Data Analyst Intern Gurugram
 - Analyzed 120K+ website sessions using Python to uncover 5+ high-intent user behavior patterns, revealing top conversion triggers and boosting funnel clarity.
 - Generated 8+ targeted insight reports in Google Sheets that helped sales teams prioritize 30-35% more engaged leads and improve application follow-ups.

PROJECTS

- Healthcare Cost Efficiency Project (ML & Analysis)** Github
Data Analytics Course Work
 - Engineered an ML Cost Prediction Model (Scikit-learn) that forecasted hospital reimbursements with 85%+ accuracy, helping flag underpaid DRGs early.
 - Investigated 100,000+ claim records to uncover high-cost procedures and state-level payment gaps, delivering insights that improved cost-control decisions by 20%+.
- Retail Profitability & Customer Segmentation Analysis** Github
Data Analytics Course Work
 - Calculated CLV and Monthly Growth from 50K+ transactions using ad-hoc SQL queries, boosting customer targeting precision by 15%.
 - Built a 4-page Power BI dashboard covering product performance and segmentation, boosting conversion and ROI insights by 20%+.

TECHNICAL SKILLS

- Programming Languages:** Python, SQL
- Data & Machine Learning Tools:** Pandas, NumPy & Scikit-learn
- Analytics & Business Intelligence:** Excel, Power BI & Google Sheets
- Environments:** Jupyter Notebook, VS Code & Git

KEY COURSES TAKEN

- CSE & Maths:** Introduction to C, Fundamentals of Computers, Object Oriented Paradigm in C++, Data Structures and Algorithms, Computer Organization & Architecture, Python Programming, Operating System, Database Management System, Statistical Methods, Discrete Mathematics, Numerical Methods, Computer Networks & Security, Software Engineering, Compiler Design
- Others:** Data Science & Analytics, Machine Learning, Deep Learning, Digital Electronics

CERTIFICATIONS

- Data Science Certificate** AnalytixLabs
- Machine Learning Certificate** Udemy
- SQL Basic & Advance** HackerRank

ACHIEVEMENTS

- Python Data Science Certification**, Completed intensive training focusing on Python 3 for statistical analysis (AnalytixLabs).
- SQL 50 Challenge**, Successfully finished the LeetCode SQL 50 challenge, demonstrating proficiency in database querying.