

Amritansh

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EDUCATION

Guru Tegh Bahadur Institute of Technology, GGSIPU |

2021–2025

Bachelor of Technology (B.Tech), Electronics and Communication Engineering

CGPA: 7.94/10

TECHNICAL & ANALYTICAL SKILLS

- **Programming & Data Analysis:** Python (Pandas, NumPy, Matplotlib), SQL
 - **Data Visualization & BI Tools:** Power BI, Excel (Pivot Tables, Lookups, Charts), Tableau
 - **Data Handling:** Web scraping, data cleaning, transformation
 - **Business Analysis:** Jira, Requirement gathering, market research, Financial Reporting, SWOT analysis, Agile
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EXPERIENCE

Data Analyst Intern

National Council for Vocational Education & Training (NCVET) |

Feb 2025–Aug 2025

- Conducted qualitative and quantitative research to evaluate effectiveness of skilling programs.
- Evaluated employability outcomes: job placement rates & career progression of more than 12000 Awarding bodies
- Designed survey instruments and interview frameworks to gather insights from 50+ stakeholders.
- Performed data cleaning, statistical analysis, and KPI tracking across 15 training centers.
- Prepared research reports & policy briefs with actionable recommendations for employability improvement

Trainee – Center for Railway Information Systems (CRIS) |

Aug 2023–Sep 2023

- Researched large-scale IT systems and learned data workflows in transportation research.
 - Observed methods of data collection, cleaning, and reporting in nationwide operations.
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PROJECTS

Impact Assessment of Skilling Initiatives on Workforce Employability

- Designed a research and evaluation framework to measure training effectiveness and employability outcomes across 15 skilling centers.
- Collected and explored 12,000+ records from NCVET and partner organizations to assess placement rates, retention, and job readiness.
- Conducted 50+ stakeholder interviews & surveys (trainees, trainers, employers) to integrate qualitative insights with quantitative data.
- Performed trend analysis and comparative reporting to identify high-impact training modules and sectoral employability patterns.
- Delivered policy recommendations that highlighted gaps in training

Best XI Team Selection – ICC Men's T20 World Cup 2022

- Scraped and compiled player data from ESPN Cricinfo covering all 45 matches of the tournament.
- Cleaned and structured the dataset (300+ player performance entries) using Python (Pandas, NumPy) to ensure consistency.
- Built a weighted scoring model incorporating batting strike rate, bowling economy, averages, match impact, and consistency.
- Designed comparative performance visuals in Power BI to analyze trade-offs between players in each role.
- Finalized a data-driven Best XI squad, reducing manual bias and enabling transparent player selection logic.
- Demonstrated ability to turn raw data into actionable insights relevant for sports analytics, fantasy cricket, and predictive modeling.

Netflix Movie Data Analysis

- Analyzed 9,800+ movie records to identify audience trends and genre patterns.
- Applied advanced data visualization techniques using Power BI and Matplotlib to create interactive dashboards reflecting viewership trends by genre, year, and geographical regions.
- Conducted statistical analyses and correlation studies to uncover factors influencing viewer ratings and engagement metrics.
- Provided recommendations for content strategy based on data-driven evidence.

Online Auction System (Django, Python)

- Designed and implemented a data-driven web application with authentication and bid tracking.
- Managed backend database integration and real-time data updates.
- Done thorough testing and debugging to ensure application robustness, data accuracy, and seamless user interactions.