**PUNIT GUPTA**

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# EDUCATION

**Punjab Engineering College,** Chandigarh,India November 2022- June 2026

Bachelor’s of Technology

* Relevant Coursework: Programming in Python, Economics, Mathematics-I, Probability & Statistics, AI&ML, DSA

# SKILLS

**Programming Languages and Database:** Python, SQL

**Visualization Tools:** Power BI, Tableau, MS Excel, MS PowerPoint, Canva

**Certifications:** Accenture Data Analysis (Forage)

**Soft Skills**: Analytical Skills, Communication,Organization Skills, Research Skills, Writing

# PROJECTS

**Cinematic Sentiments: Analyzing Movie Reviews Using NLP**

**(Python, ML, Statistics, NLTK toolkit)**

* Proficient in data preprocessing (Tokenization, stop words removal) and advanced feature extraction

(Countvectorizer, TF-IDF)

* Improved **model accuracy by 20%** on **15,000 reviews** and achieved a **15% performance** boost through optimization of logistic regression and SVM algorithms

**Table Talk: Exploring User Engagement for Restaurant Success**

**(SQL, Python, Visualization, Statistics, Jupyter Notebook, SQLite)**

* Out of **150k businesses, 35k are open restaurants**. **4-star ratings peak engagement,** declining at **5 stars due to** saturation or selectivity
* **Elite Users** drive reviews and loyalty. **Peak hours (4pm – 1am)** highlight optimal staffing and resource times for efficiency

**Electric Vehicle Fleet Insights**

**(Power BI, SQL)**

* The datasets include **150.42k** electric vehicles, with **BEVs at 78%** and **PHEVs at 22%**. Adoption rises yearly, with an average range of **67.83.**
* Tesla, Nissan, and Chevrolet lead the market. **41.81%** of EVs qualify for CAVF incentives, with BEVs being the most eligible.

**Bank Loan Dashboard And Analysis**

**(SQL, Power BI)**

* **Developed a Banking Loan System Dashboard**: Created an interactive **Power BI** dashboard analyzing **6000+** loan entries, ensuring data accuracy with **MySQL**.
* **Implemented 5+ KPIs**: monitor loan metrics with real-time updates.
* **Enhanced Reporting**: Enabled strategic decision-making through detailed visualizations and interactive elements, providing actionable insights for stakeholders.

# Position of Responsibility

**Marketing Sub-Head, PECFEST**

* Generated approximately ₹70,000 in funds through on-ground marketing and email campaigns.
* Successfully closed 20% of deals.

**IB Member, ACM-CSS**

* Increased participation in workshops by 40%.
* Gained knowledge in communication, teamwork, management software, and computing skills.
* Successfully organized a hackathon.