AAYUSH PANT

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github.com/CyborgCiderMan

cyborgciderman.github.io

PROFILE

Aspiring Data Analyst and Data Science enthusiast with hands-on experience in SQL, Python, Power BI, Machine Learning, and Deep Learning through academic and personal projects. Developed projects in customer churn analysis, recommendation systems, resume screening, and emotion detection using modern analytics and AI techniques. Seeking an entry-level opportunity to apply analytical and technical skills to support data-driven decision-making.

EDUCATION

Minor in Artificial Intelligence and Data Science 05/2025 – 05/2026
IIT Mandi (CCE) | CGPA: 7.34/10

Master of Engineering (M.E.), Power Systems 07/2016 – 07/2018
Thapar Institute of Engineering. and Technology, Patiala, Punjab | CGPA: 7.09/10

Bachelor of Technology (B.Tech), Electrical and Electronics Engineering 06/2012 – 06/2016
I.K. Gujral Punjab Technical University, Jalandhar, Punjab | Percentage: 77.46%

SKILLS

Programming & Databases
Python, SQL, MySQL

Machine Learning & AI
Linear Regression, Logistic Regression, Decision Trees, Random Forest, SVM, Neural Networks, CNNs

Natural Language Processing
TF-IDF, Cosine Similarity, Text Classification, Recommendation Systems

Data Analysis & Visualization
Power BI, Excel, Pandas, NumPy, Matplotlib, Seaborn

Tools & Platforms
Git, GitHub, Jupyter Notebook, Jira

Soft Skills
Analytical Thinking, Problem Solving, Attention to Detail, Communication, Team Collaboration

PROJECTS

Customer Churn Analysis | SQL, Python, Power BI
- Analyzed 7,000+ telecom customer records to identify churn patterns using SQL and Python.
- Developed an interactive Power BI dashboard for churn rate, contract, tenure, payment method, and revenue loss analysis.

Movie Recommendation System | Python, NLP, Scikit-Learn
- Built a content-based recommendation system using TF-IDF vectorization and cosine similarity.
- Generated personalized movie recommendations based on movie metadata and textual features.

Resume Screening AI | Python, NLP, Machine Learning
- Developed an AI-powered resume classification and screening system using machine learning techniques.
- Automated resume analysis and candidate matching using TF-IDF and text similarity methods.

Emotion Detection System | PyTorch, Deep Learning, Computer Vision
- Designed and trained a custom CNN-based emotion recognition model on the FER2013 dataset.
- Implemented mixed precision training, learning rate scheduling, early stopping, and achieved 63% test accuracy.

CERTIFICATIONS

Foundations: Data, Data, Everywhere
Google | Coursera

Ask Questions to Make Data-Driven Decisions
Google | Coursera

Prepare Data for Exploration
Google | Coursera

Process Data from Dirty to Clean
Google | Coursera

Analyze Data to Answer Questions
Google | Coursera

Industrial Automation (6-Month Training)
IATC Siemens TPS North, Panchkula

EXPERIENCE

Independent Learning & Competitive Exam Preparation
Full-Time | 2018 – 2025
- Pursued structured self-study while preparing for competitive examinations.
- Developed strong foundations in mathematics, logical reasoning, and analytical thinking.
- Learned computer science concepts, Python programming, machine learning, and AI through online courses and personal projects.
- Built hands-on projects including NLP and machine learning applications using Python, Pandas, Scikit-learn, and related tools.
- Demonstrated self-motivation, time management, and continuous learning through independent study and project development.
- Provided one-on-one academic tutoring to school students in subjects such as Mathematics, Science, and English.