

Bhavya

Data Scientist

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SUMMARY

Data Science student and Creative Teams Lead experienced in converting data into predictive models and actionable analytical insights. Background spans statistical analysis, exploratory data analysis, machine learning model development, and creative strategy execution. Proven track record in data-driven project execution, visualization, and leading cross-functional teams.

EXPERIENCE

Brand & Creative Strategy Lead

InternQuora

Sep 2026 – Present

- Established the visual identity, brand voice, and creative direction for a student-led career initiative from the ground up.
- Designed and produced social media graphics and campaign content for company and student outreach across platforms.
- Directed cross-platform promotional strategy to streamline communication with external industry partners.

GenAI-Powered Data Analytics (Tata iQ) Virtual Intern

Tata Group / Forage

Aug 2026 – Aug 2026

- Conceptualized an AI-driven credit risk model and collections strategy utilizing generative AI for exploratory data analysis and predictive risk modeling.
- Engineered agentic automation frameworks to optimize credit risk evaluation.

GenAI-Powered Data Analytics (Tata iQ) Virtual Intern

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- Engineered agentic automation frameworks to optimize credit risk evaluation.

Data Science Intern

Zappify

Jun 2026 – Jul 2026

- Built end-to-end data science workflows, executing data preprocessing, exploratory data analysis, and visualization using Python, Pandas, and Seaborn.
- Implemented and evaluated classification machine learning models using Scikit-learn, assessing performance via accuracy, precision, recall, and F1-score.

Developer

HackQube

May 2026 – Present

- Executed software development tasks for organizational technical initiatives.

Developer

HackQube

May 2026 – Present

- Executed software development tasks for organizational technical initiatives.

Creative Head

The Empirical Society

Nov 2025 – Present

- Led a team of 10 designers for college technical events, increasing social media engagement by approximately 35%.
- Coordinated end-to-end design workflows across event, marketing, and editorial teams to align brand communication.

Creative Head

The Empirical Society

Sep 2025 – Nov 2025

- Led a team of 10 designers for college technical events, increasing social media engagement by approximately 35%.
- Coordinated end-to-end design workflows across event, marketing, and editorial teams to align brand communication.

Design Team Member

Wordsmith

Sep 2025 – Present

- Designed graphic materials supporting team publishing efforts.

Content Team Member

CodeGeeks

Sep 2025 – Aug 2026

- Authored technical content and instructional materials for society communications.

EDUCATION

Guru Gobind Singh Indraprastha University · B.Tech, Bachelor of Technology - BTech · 2024 – 2028
Bal Bharati Public School, Noida

SKILLS

Languages and Frameworks: C, C++, Java, Python, asyncio, gTTS, Matplotlib, NumPy, Pandas, Playwright, PyAutoGUI, Pydantic, PyWhatKit, Scikit-learn, Seaborn, Streamlit

Databases: MySQL

Tools: Cross-Validation, Git, GitHub, Google Gemini Flash, GridSearchCV, Groq API, Jupyter Notebook, LLaMA 3.3 70B, MS Excel, NewsAPI, OOP, Tableau, VS Code

PROJECTS

Autonomous Lead Enrichment Agent

Built an autonomous B2B lead-enrichment agent that crawls company domains using a headless browser and extracts structured firmographic data. Automated web domain crawling via Playwright with asynchronous concurrency using asyncio. Extracted and structured firmographic data using Google Gemini Flash and validated data schemas via Pydantic.

Python, Playwright, Google Gemini Flash, Pydantic, asyncio

The Committee Will Look Into It

Developed a multi-thread data journalism investigation on Indian institutional accountability using custom datasets, NCRB records, and RTI documents. Engineered data processing pipelines in Python and Pandas to analyze official RTI documents and NCRB data. Generated custom statistical visualizations using Matplotlib and Seaborn to identify systemic issues.

Python, Pandas, Matplotlib, Numpy, Seaborn, NCRB, RTI data

Message Spam Filtering

Built and deployed an end-to-end NLP classifier on a dataset of 5,572 SMS messages. Implemented TF-IDF vectorization and trained NLP classification models using Scikit-learn. Transitioned model architecture from MultinomialNB to ComplementNB to resolve an 87/13 class imbalance, boosting spam recall from 72% to 89%. Deployed the finalized model as an interactive web application using Streamlit.

Python, Scikit-learn, TF-IDF, Streamlit

Deployed Web App Link

Additional projects: Customer Churn Prediction, Barbie – Voice-Activated AI Assistant

AWARDS

Data Visualisation: Empowering Business with Effective Insights