

# SANSKAR PANDEY

Fresher - DATA SCIENTIST



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## ABOUT ME

Aspiring Data Scientist with a B.Tech in Computer Science (Graduating in 2026) and hands-on experience in machine learning, data visualization, and NLP. Completed a Data Science Internship at Internship Studio, where I worked on real-world datasets, built predictive models, and gained practical skills in Python, SQL, and Power BI. Passionate about feature engineering and data-driven decision making, with a strong foundation in building accurate models and analyzing complex data.

## EXPERIENCE

### Data Science Intern

Internship Studio | March 2024 - August 2024

- Worked on various data science projects, including data cleaning, feature engineering, and model development.
- Built predictive models using scikit-learn and evaluated them for accuracy.
- Gained hands-on experience with real-world datasets and improved the data pipeline process.

## EDUCATION

2020

Maharashtra SSC Board [score : 76.20 %]  
Gayatri Vidya Mandir convent

2022

Maharashtra HSC Board [score : 71 %]  
Baba nanak sidhi hindi Jr college

2022 - 26

B-Tech in (computer science) [CGPA : 8.48]  
form GH RAISONI UNIVERSITY , AMRAVATI

## CERTIFICATIONS

- Data Science Internship - Internship Studio (Completion Certificate)
- 30-Day Power BI Camp - Suresh Dhawle

## SKILLS

- Programming: Python (pandas, NumPy, matplotlib, scikit-learn)
- Data Science & ML: Data visualization, feature engineering, machine learning models, NLP
- Tools: Power BI, VS Code
- SQL

## PROJECT

- **Customer Segmentation Using Python** Applied clustering techniques (K-means, DBSCAN) to segment customers based on purchase behavior. Visualized clusters using Power BI to draw actionable insights for marketing strategies.
- **Letter Recognition Model (94.3% Accuracy)** Built a model using PCA and Random Forest to recognize letters from images. Achieved high accuracy through feature engineering and hyperparameter tuning.
- **Cat vs. Dog Image Classification** Built an ML model using extracted image features and algorithms like SVM and Random Forest to classify cat and dog images. Preprocessed data with grayscale conversion and resizing, achieving high accuracy through hyperparameter tuning.
- **Titanic Dataset Feature Engineering & ML** Performed feature engineering on the Titanic dataset and used logistic regression to predict survival outcome Improved model accuracy by selecting the most relevant features for prediction.