# AKSHITA

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## Objective

I am passionate about coding and love turning data into meaningful insights. I am proficient in Python, Power BI, Tableau, SQL, MongoDB, HTML and Pandas. With a strong foundation in both programming and data analysis tools, I enjoy solving complex problems and building data-driven solutions. I'm always eager to learn new technologies and improve my skills to stay updated in the ever-evolving tech world.

## Education

**Bharati Vidyapeeth College of Engineering, Pune**                                                          2022-2026
 Bachelor of Technology in Information Technology. CGPA: 8.6/10.00 (up to the 5th Semester)

**Radiant International School, Patna**                                                                                    2021-2022
12th Standard CBSE. Percentage: 67%

**Radiant International School, Patna**                                                                                    2019-2020
10th Standard CBSE. Percentage: 71%

## Projects

1. **Human Activity Recognition**-

- Developed a machine learning model to classify human activities (e.g., walking, running, sitting) based on smartphone sensor data.

- Tools & Technologies: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Sensor Data, Random Forest, SVM

2. **Livestock Monitoring Dashboard-**

- Designed an interactive dashboard to track livestock health, movement, and environmental conditions in real-time.

- Tools & Technologies: Python, Streamlit/Power BI/Tableau, Pandas, IoT Sensor Data, Firebase/MySQL, Matplotlib/Plotly

3. **Customer Churn Prediction**-

- Built a predictive model to identify customers likely to churn based on behavioral and transactional data.

- Tools & Technologies: Python, Scikit-learn, Pandas, Logistic Regression, XGBoost, Seaborn, SQL

4**. Stock Market Analysis and Forecasting**-

- Performed technical and fundamental analysis of stock market trends and implemented predictive models for forecasting stock prices.

- Tools & Technologies: Python, yfinance,  Pandas, NumPy , Matplotlib

## Technical Skills

- **Programming Languages:** Python, , SQL
-  **Core IT Concepts:** Database Management Systems (DBMS), Data Analysis
- **Machine Learning Essentials:** NumPy, Pandas, Matplotlib
- **Tools Technologies:** Microsoft Power BI, Tableau, Microsoft Excel, Microsoft Visual Studio, PyCharm

## Courses and Certification

- **Introduction to Database and SQL-** from Great Learning
-  **Programing for Everybody (Getting started with Python)-** from Coursera
- **Completed programming using C and C++** -from NIIT