

# Swapnil Mohan Shelar

B.E. - Computer Science & Engineering  
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GitHub — LinkedIn — HackerRank

## Summary

With expertise in Power BI and a strong foundation in Python, including Pandas, Matplotlib, NumPy, Seaborn, and Scikit-learn, I excel in data analytics and visualization. I create interactive dashboards using Power BI and develop machine learning models with Scikit-learn for predictive analytics.

## Education

- **B.E. - Computer Science & Engineering, D.Y. Patil College of Engineering, Akurdi (2021 - 2025) - CGPA: 8 / 10**
- **12th Grade, Shri Shivaji Vidhyamandir and Junior College, Aundh, Pune (2021) - MSBSHSE - Percentage: 82.50%**
- **10th Grade, Bhairavnath Vidyalay Khutbav, Daund (2019) - MSBSHSE - Percentage: 86%**

## Skills

- **Data Analysis:** Python, Power BI, Pandas, Matplotlib, NumPy, Seaborn, Scikit-learn
- **Database Management:** SQL, MySQL
- **Microsoft Excel:** Data Analysis, Visualization, Pivot Tables
- **Data Mining:** Pattern Recognition, Data Cleaning
- **Machine Learning:** Model Development, Evaluation
- **Non-Technical Skills:** Communication, Presentation, Teamwork, Problem-Solving, Time Management
- **Statistics:** Descriptive Statistics, inferential statistics

## Certifications

- **Career Essentials for Data Analysis by Microsoft**
- **Data Analysis Using Python, Cognitive class**
- **SQL Certification, HackerRank** - Validated expertise in database management and SQL querying.
- **Applied Data Science Using Python: Simplilearn**

## Projects

- **T20 Cricket World Cup Analysis**
  - Created a Power BI dashboard for T20 World Cup 2022 analysis.
  - Provided insights into player performance for strategic decision-making.
  - Utilized interactive visualizations to track match statistics and player metrics over time.
- **Telecom Analysis Using Power BI Dashboard**
  - Developed a Power BI dashboard for telecom data analysis.
  - Analyzed customer data to identify trends and insights.
- **Mail Classifier (Ham or Spam) Using Machine Learning**
  - Built a machine learning model using Scikit-learn to classify emails as ham or spam.
  - Preprocessed email text using natural language processing techniques.
  - Achieved high classification accuracy through feature extraction and model optimization techniques.

## Internship

- **Data Analyst, Slash Mark**
  - Analyzed data using Python and SQL to support business decisions.
  - Developed Power BI dashboards to visualize key business metrics.
  - Collaborated with cross-functional teams to translate data insights into actionable strategies.