



## SWAPNIL MOHAN SHELAR

B.E. - Computer Science & Engineering

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### BRIEF SUMMARY

With expertise in Power BI and a strong foundation in Python, including libraries like Pandas, Matplotlib, NumPy, Seaborn, and Scikit-learn, I possess a comprehensive skill set in data analytics and visualization. Leveraging Power BI, I excel in creating interactive dashboards and reports that enable stakeholders to derive actionable insights from data. In Python, I leverage Pandas for data manipulation, Matplotlib and Seaborn for data visualization, and NumPy for numerical computing, enabling me to analyze and present complex datasets effectively. Additionally, my proficiency in Scikit-learn allows me to develop and deploy machine learning models for predictive analytics and data-driven decision-making. With a passion for continuous learning and a dedication to staying updated with the latest tools and techniques in data science, I am well-equipped to tackle a wide range of data analytics challenges and drive value for organizations.

### EDUCATION

#### D.Y. Patil College of Engineering, Akurdi

2021 - 2025

B.E. - Computer Science & Engineering | CGPA: 7.99 / 10

#### Shri Shivaji Vidhyamandir and Junior College Aundh, Pune

2021

12<sup>th</sup> | MSBSHSE | Percentage: 82.50 / 100

#### BHAIRAVNATH VIDYALAY KHUTBAV, Daund

2019

10<sup>th</sup> | MSBSHSE | Percentage: 86 / 100

### INTERNSHIPS

#### Slash Mark | IT / Computers - Software

01 Mar, 2024 - 01 Apr, 2024

Data Analyst

**Key Skills:** Data Analysis | Power BI | MySQL | Microsoft Excel | Pandas | Python

During my internship at Slash Mark Company, I undertook two data analysis projects aimed at providing actionable insights for organizational decision-making. The first project involved weather analysis, where I employed various statistical techniques to analyze weather data and derive meaningful conclusions. The second project focused on HR analysis, where I collaborated with a client to develop a Power BI dashboard to track employee sick leave and work-from-home trends from April 2022 to June 2022. This abstract summarizes the key objectives, methodologies, and outcomes of both projects, highlighting their significance in leveraging data-driven strategies for business optimization.

### PROJECTS

#### T20 Cricket World Cup Analysis

Team Size: 1

**Key Skills:** Power BI | Data Mining | Pandas | python

**Project Link:** <https://github.com/swapnilsh2004/T20-Cricket-Analysis>

I spearheaded the development of a Power BI dashboard for the T20 World Cup 2022 analysis, focusing on selecting the best playing eleven across all teams. By meticulously collecting and cleaning data from various sources, I created a robust dataset for analysis. Leveraging Power BI's visualization tools, I designed an intuitive dashboard that provided insights into player performance based on specific roles such as openers, middle-order batsmen, lower-order finishers, and all-rounders. This project showcased my expertise in data analytics and visualization, as well as my ability to deliver actionable insights for strategic decision-making in the realm of sports analytics.

#### HR Analytics

Team Size: 1

**Key Skills:** Power BI | Microsoft Excel

**Project Link:** <https://github.com/swapnilsh2004/HR-Analytics>

In my recent project, I collaborated with a client to develop a tailored Power BI dashboard focused on HR analytics. The dashboard was designed to meticulously track employee sick leave and work-from-home trends from April 2022 to June 2022. By collecting and processing data from various sources, I created a comprehensive dataset for analysis. Leveraging Power BI's capabilities, I crafted an

interactive dashboard providing real-time insights into absenteeism patterns, empowering HR teams to make informed decisions to enhance workforce productivity and well-being.

ASSESSMENTS / CERTIFICATIONS

Data Analysis Using Python

Key Skills: Data Analysis Python

I completed a certification course in data analysis using Python, equipping myself with advanced skills in data manipulation, visualization, and statistical analysis. Throughout the course, I delved into various Python libraries such as Pandas, NumPy, and Matplotlib, mastering techniques to extract insights from complex datasets. By applying statistical methods and machine learning algorithms, I gained proficiency in deriving meaningful conclusions and making data-driven decisions. This certification underscores my commitment to continuous learning and demonstrates my capability to harness Python for effective data analysis in diverse professional contexts.

SQL Certification

Key Skills: MySQL

After completing the HackerRank MySQL certification test, I have solidified my expertise in database management and querying using MySQL. This certification validates my proficiency in designing efficient database schemas, writing complex SQL queries, and optimizing database performance. With this achievement, I am equipped to tackle diverse data-related challenges and contribute effectively to projects requiring database expertise. This certification serves as a testament to my dedication to continuous learning and my readiness to excel in roles that demand strong MySQL skills.

SEMINARS / TRAININGS / WORKSHOPS

Salesforce Workshop Institute Name: Dr. D.Y. Patil Educational Complex, Akurdi

Key Skills: Salesforce

I recently participated in a one-day Salesforce workshop where I gained valuable insights into the Salesforce platform and its functionalities. The workshop provided a comprehensive overview of Salesforce, including its capabilities in customer relationship management (CRM) and business process automation. Through engaging demos, I learned how to create applications within the Salesforce ecosystem and explored various features such as workflow automation and reporting. This experience deepened my understanding of Salesforce's potential to drive efficiency and growth within organizations, highlighting my commitment to staying updated with cutting-edge technology and enhancing my skill set in Salesforce development and implementation.

PERSONAL DETAILS

Gender: Male	Date of Birth: 17 Feb, 2004
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