

# Sagar Shelar

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## TECHNICAL SKILLS

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**Languages:** Python, SQL (MS-SQLserver,MySQL)

**Platforms:** VS Code, Power BI, Tableau, MS Office suite, Jupyter Notebook, PyCharm

**Miscellaneous:** Git, Flask, Hypothesis testing, Mathematics, statistics

**Core Skills:** Data Analysis, Data Visualization, Statistical Analysis, Data Modeling, Critical Thinking, Problem solving

## EXPERIENCE

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### Data Science Intern

July 2024 – June 2025

*Intellipaat*

*Remote*

- Worked on real -world data science projects, including customer churn prediction and COVID-19 data analysis..
- Performed data cleaning, preprocessing, and exploratory data analysis (EDA) using Python, Pandas, and NumPy.
- Built and evaluated machine learning models (Decision Trees, Random Forest, Logistic Regression) for predictive analytics.
- Created data visualization using Matplotlib, Seaborn, to communicate insights effectively.
- Gained hands-on experience with SQL, Python, and statistical analysis for data-driven decision-making.

## PROJECTS

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### Walmart Sales Forecasting | *Python, Streamlit, Github*

June 2020 – August 2024

- Developed a predictive analytics model to forecast weekly sales for Walmart stores, leveraging Python, Pandas, NumPy, Matplotlib, and Scikit-Learn.
- Applied data preprocessing, feature engineering, and time series modeling techniques to uncover sales patterns and seasonality.
- Achieved 85% model accuracy in forecasting, improving prediction reliability for business planning.
- Built interactive visualizations and dashboards for insights into store performance and promotional impact.
- Delivered actionable recommendations to optimize inventory management and enhance revenue forecasting.

### COVID-19 Analysis

- Analyzed 490,000+ COVID-19 records (2020 data) using Python, Pandas, NumPy, and Matplotlib/Seaborn.
- Built time-series visualizations to track global trends in confirmed, recovered, active, and death cases.
- Identified Top 10 impacted countries and performed comparative analysis of US, India, and China.
- Delivered actionable insights on recovery/death trends through country-level aggregation EDA.
- Demonstrated strong data cleaning, transformation, and visualization skills for real-world datasets.

## CERTIFICATIONS

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### Data Science and AI

Feb 2024

*Intellipaat IIT Rurkee based certification*

*Remote*

## EDUCATION

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### Diploma Mechanical engineering | 75.06%

2012

*S.E.S ploytechnic solapur*

*Solapur, MH*

### H.S.C. - 44%

2005

*Baramati, Pune*