



STUDIO SHODWE

# Data Science





STUDIO SHODWE



# Product Demand Prediction with Machine Learning"

PRESENTED BY,

- 1.DHANULESH.S
- 2.SURIYA.V
- 3.NARENTHIRA KUMAR .G
- 4.ARYAN REDDY.A
- 5.MAHESWARAN.R





STUDIO SHODWE

# Introduction

- Data Collection and Preprocessing
- Feature Engineering
- Machine Learning Models
- Model Evaluation
- Deployment and Future Steps
- Conclusion

LEARN MORE







STUDIO SHODWE



# Introduction\*

Brief overview of the importance of demand prediction  
- Mention the benefits of using machine learning in demand forecasting  
Set the stage for the rest of the presentation

[LEARN MORE](#)



STUDIO SHODWE

# Data Collection and Preprocessing

Explain where the data comes from (e.g., sales records, historical data)

Discuss data cleaning, missing value handling, and outliers





STUDIO SHODWE

# Feature Engineering

Highlight the importance of selecting relevant features

- Discuss techniques for feature selection and engineering
- Show how domain knowledge can be valuable







STUDIO SHODWE



# Machine Learning Models

Introduce different machine learning algorithms suitable for demand prediction (e.g., linear regression, decision trees, neural networks)

- Explain how each model works briefly





STUDIO SHODWE

# Deployment and Future Steps

**69%**

January

**80%**

February

Explain how the model will be deployed in a real-world setting

- Discuss ongoing monitoring and retraining of the model
- Mention any future improvements or enhancements







# Conclusion

Summarize key takeaways from the presentation

- Emphasize the value of machine learning in demand prediction





STUDIO SHODWE

# Thank You

SLIDE PRESENTATIONS DESIGN