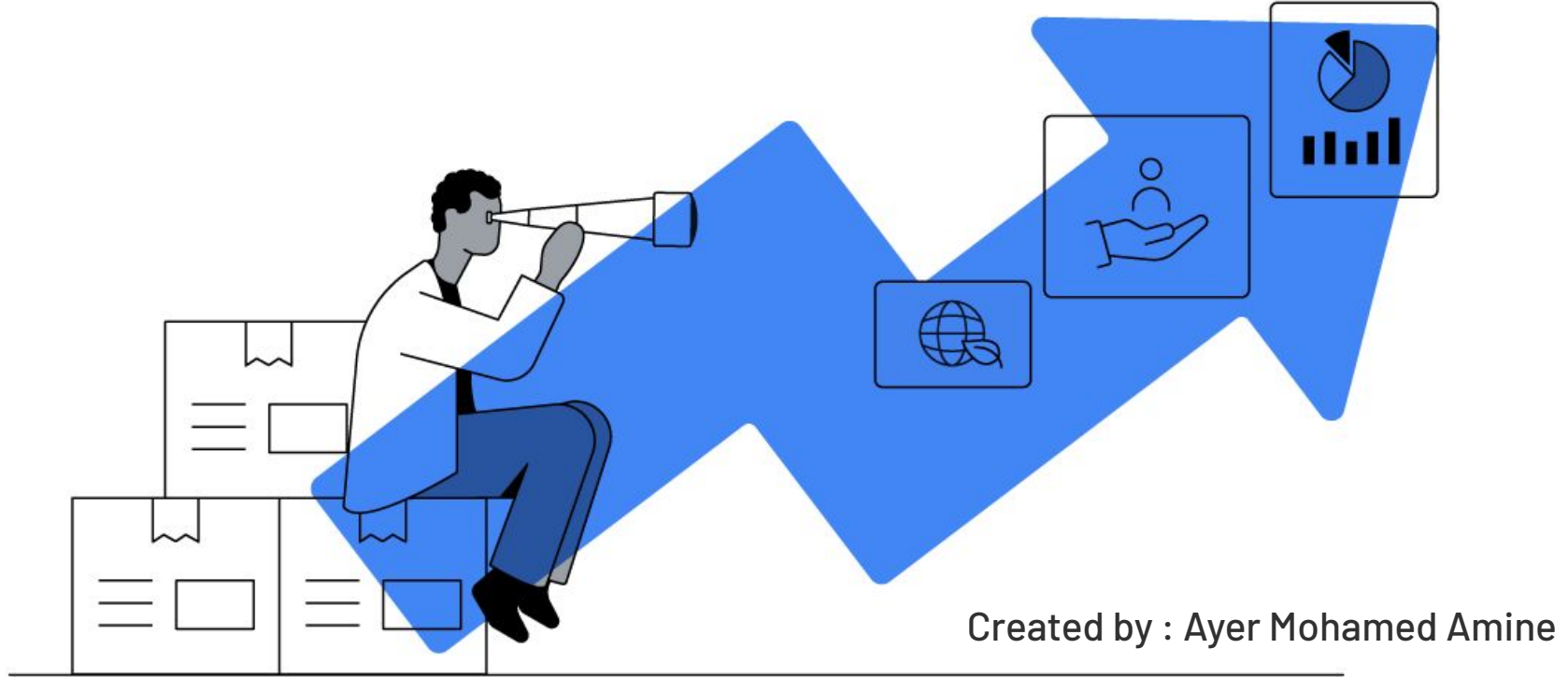


# Retail Price Forecasting



Created by : Ayer Mohamed Amine

2023/2024

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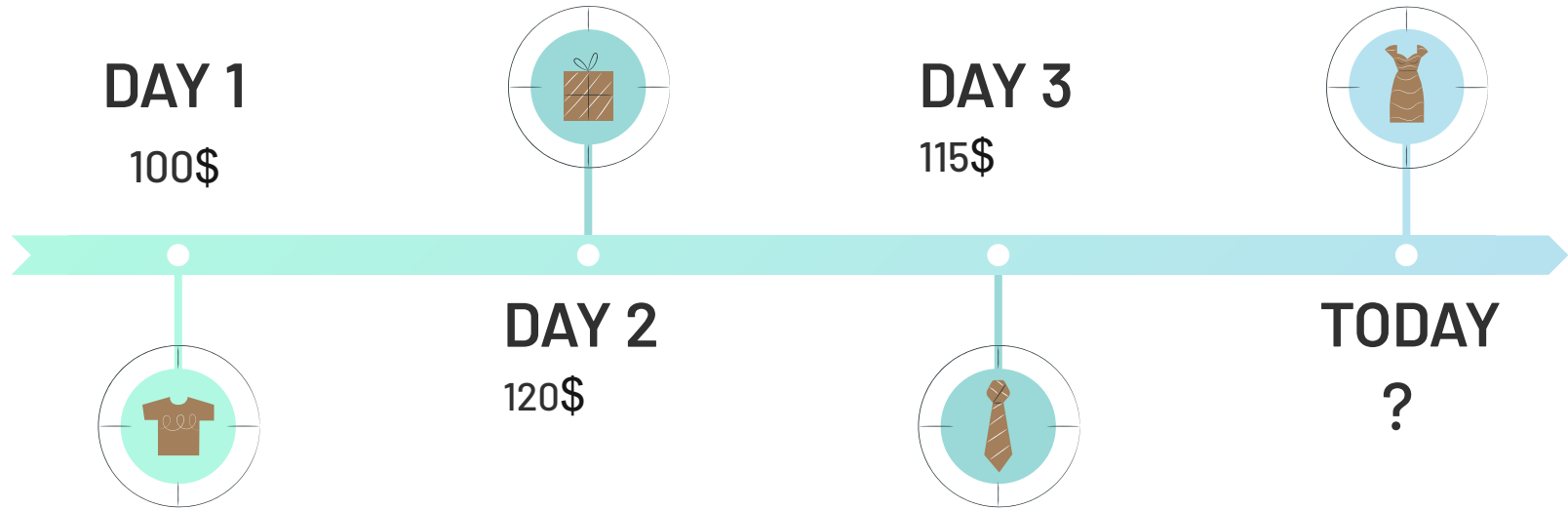
**Deployment**



**01**

**Main idea of the project**

# The goods price

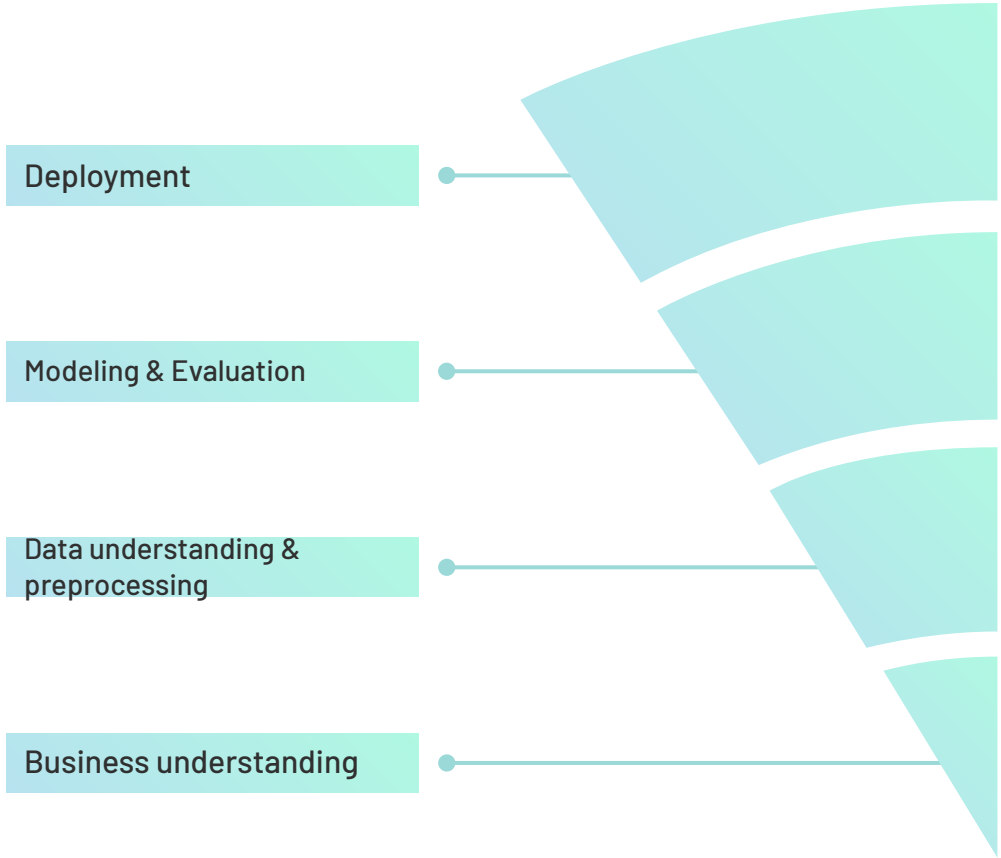


# The project's process

- Analyse the market
- Build a accurate model
- Real time price forecasting



# CRISP-DM Methodology





# 02

## Descriptive statistics

**333,000.00**

Is the total sales articles in 2022

**24M**

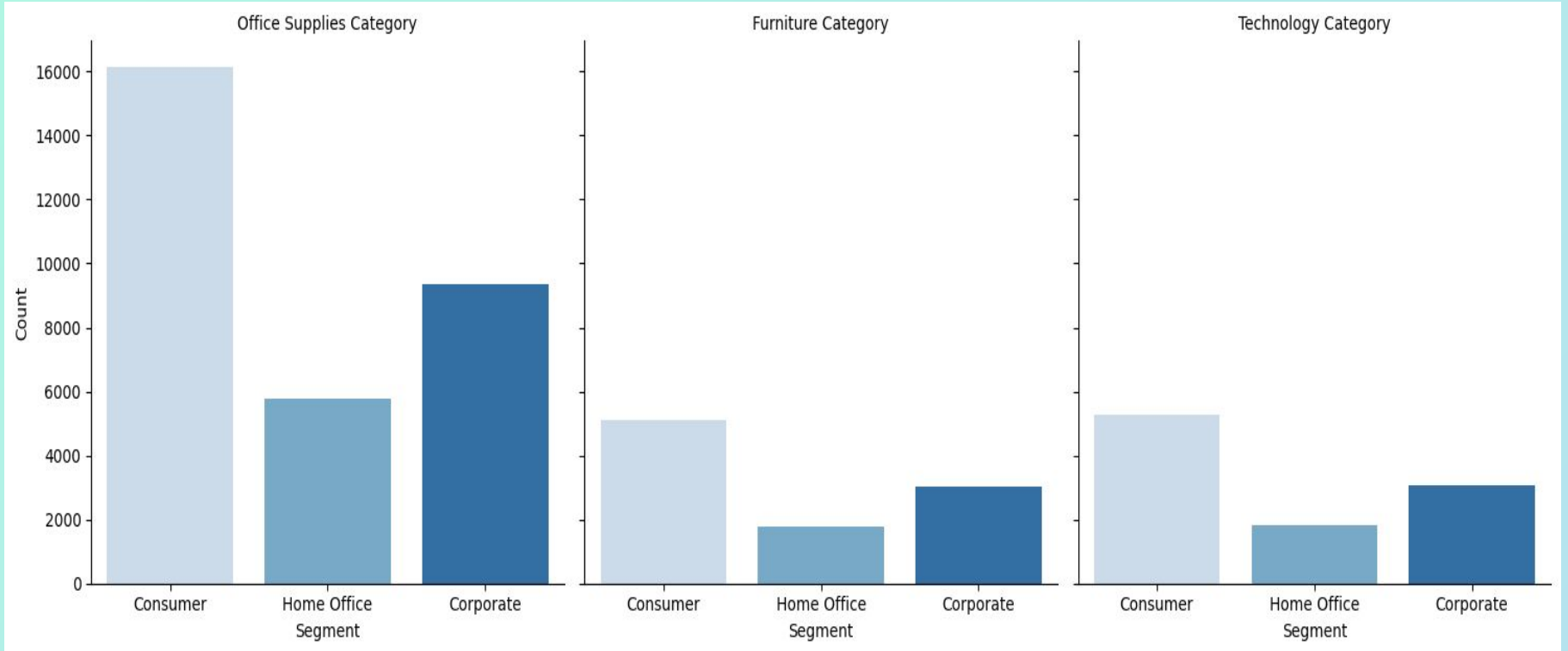
Is the capital of the retail

**9M**

Is the profits in the same year



# **Client segmentation**





# **03**

## **Forecasting**

# Models results



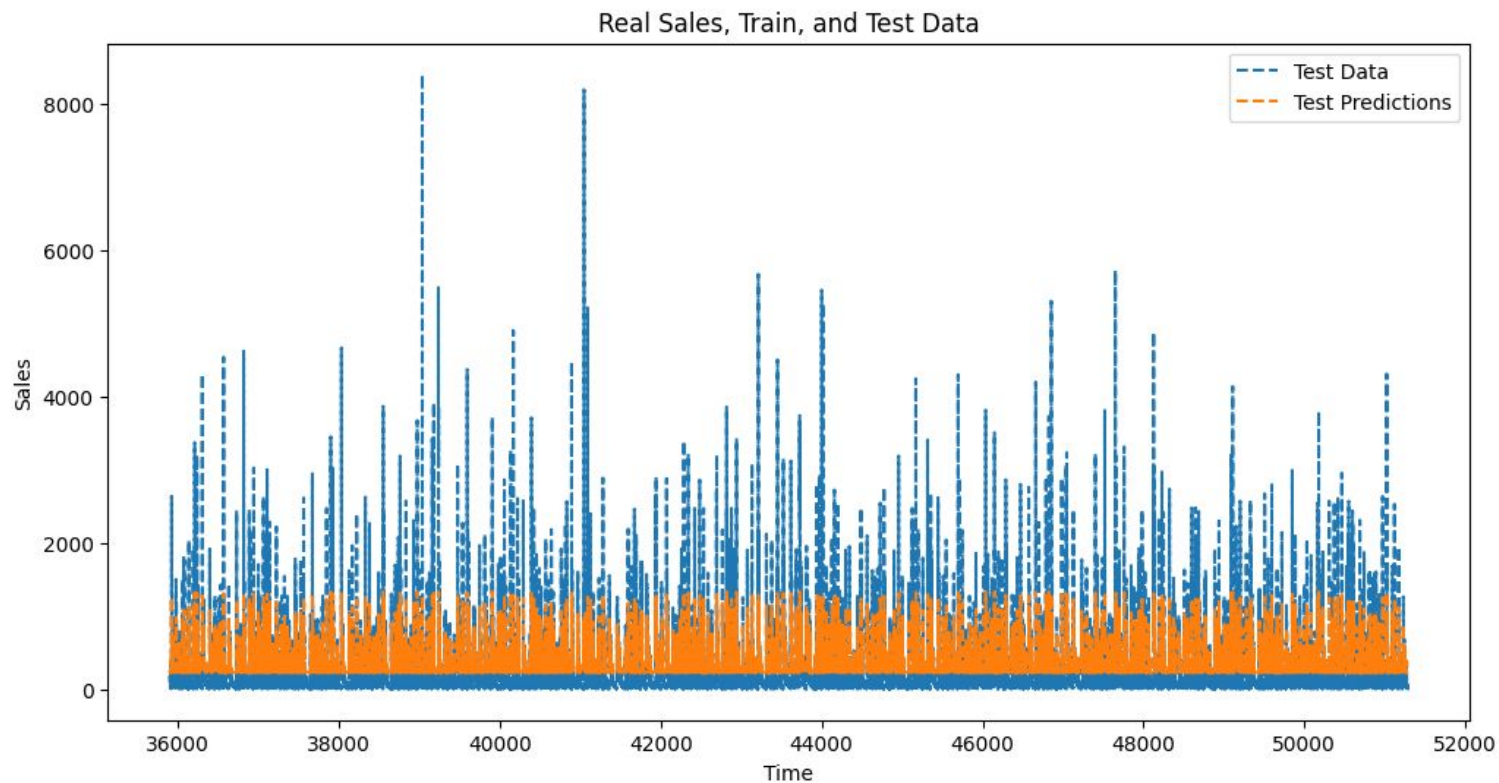
**Lstm**

**Blstm**

**ARIMA**

MSE	81364	75112	1115412
RMSE	83942	4815	114245
Rsquart	0.8	0.87	0.5

# Graph of prices





## 04 Deployment

# Deployment tool: Flask



**1-Flexible**

**2-Secure**

**3-Easy integrated**



Quantity:

Discount:

Profit:

Shipping Cost:

Category:

Office Supplies



Segment:

Home Office



Sub Category:

Binders



Submit

**Thanks!**

