



DATA SCIENCE & BUSINESS ANALYTICS INTERNSHIP


TASK - 1

WWW.INTERNSHIP.THESPARKSFOUNDATION.INFO

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Exploratory Data Analysis – Retail

(Level – Beginner)



#3

- Perform 'Exploratory Data Analysis' on dataset 'SampleSuperstore'
- As a business manager, try to find out the weak areas where you can work to make more profit.
- What all business problems you can derive by exploring the data?
- You can choose any of the tool of your choice (Python/R/Tableau/PowerBI/Excel/SAP/SAS)
- **Dataset:** <https://bit.ly/3i4rbWl>
- **Beginner Level** - Create dashboards. Screen-record along with your audio explaining the charts and interpretations.
- Task submission:
 1. Create the dashboards and/or storyboard and record it
 2. Upload the recording either on YouTube or LinkedIn
 3. Create a LinkedIn post as suggested in FAQs

Super Store Dashboard



GRADUATE ROTATIONAL INTERNSHIP PROGRAM



Sales & Order
Overview



Profit & Market
Overview



State

All

Gross Sales

\$2M

Quantity

38K

Orders

10K

I.T.R

61

Avg Sales per Trans.

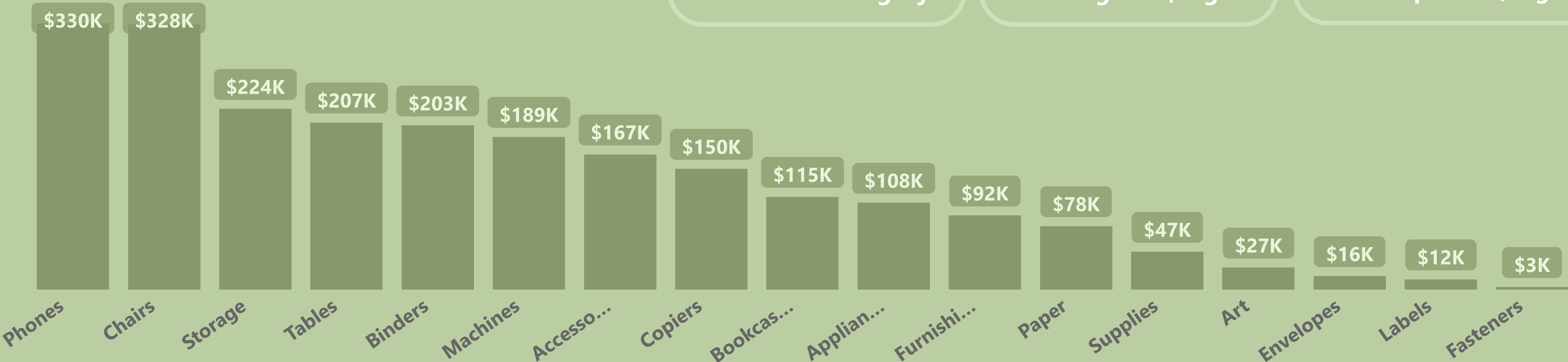
\$230

Total Sales - Sub Category

Sales - SubCategory

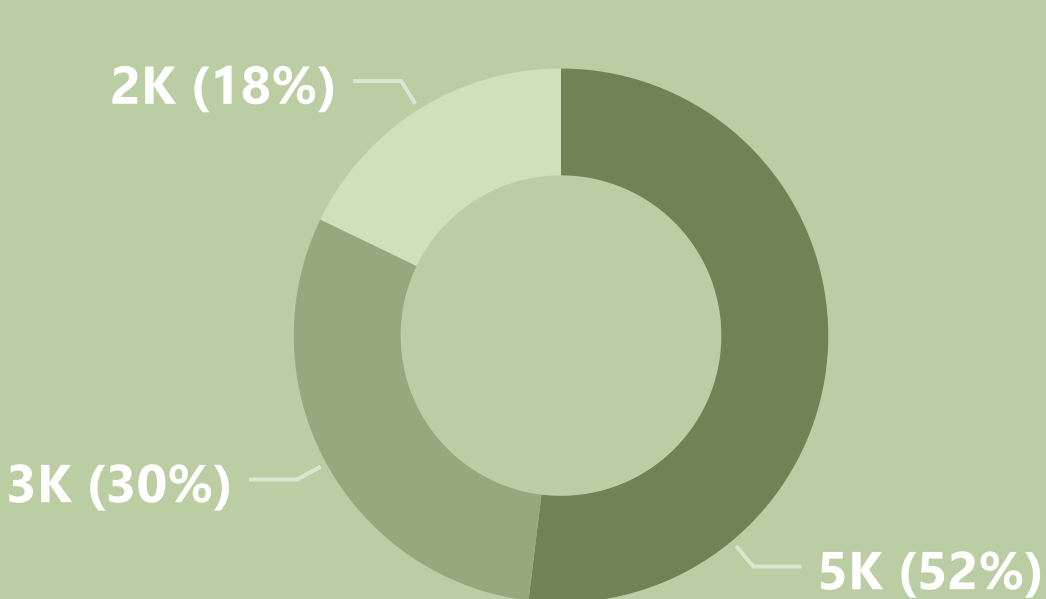
Sales-Segment,Region

Sales-Ship Mode,Region



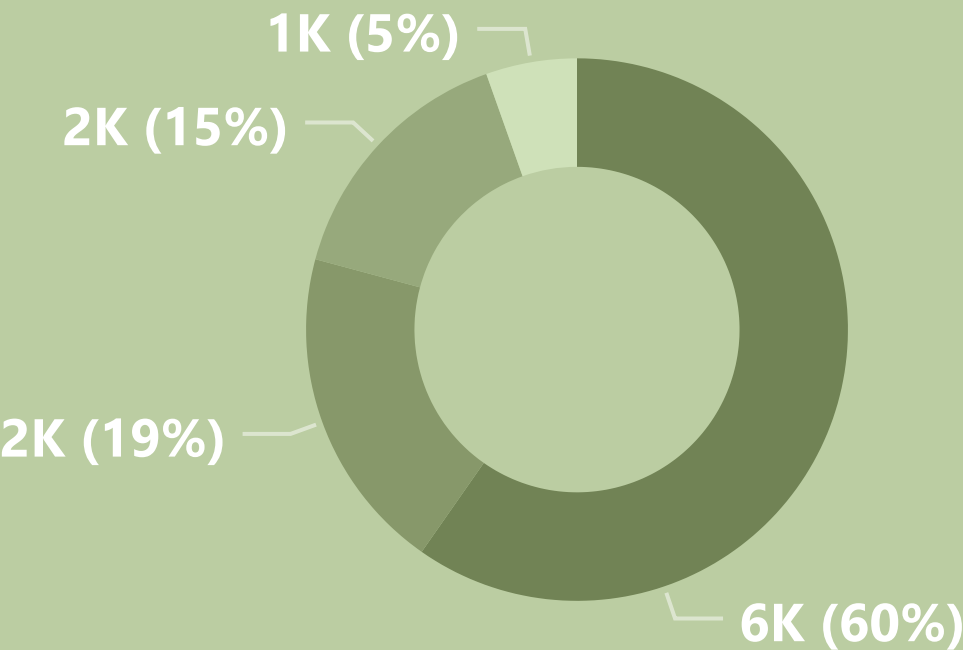
Total Orders - Segment

Consumer Corporate Home Office



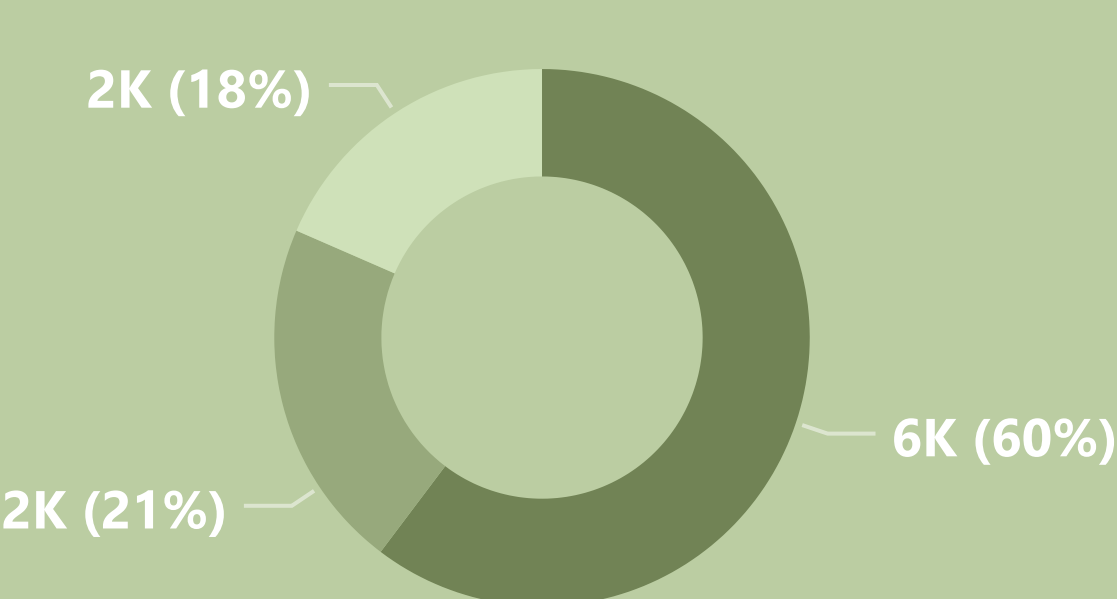
Total Orders - Ship Mode

Standard Class Second Class First Class Same Day



Total Orders - Category

Office Supplies Furniture Technology



Super Store Dashboard



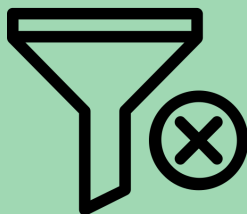
GRADUATE ROTATIONAL INTERNSHIP PROGRAM



Sales & Order
Overview



Profit & Market
Overview



State

All

City

All

Profit

\$286K

Profit %

12%

State

49

Country

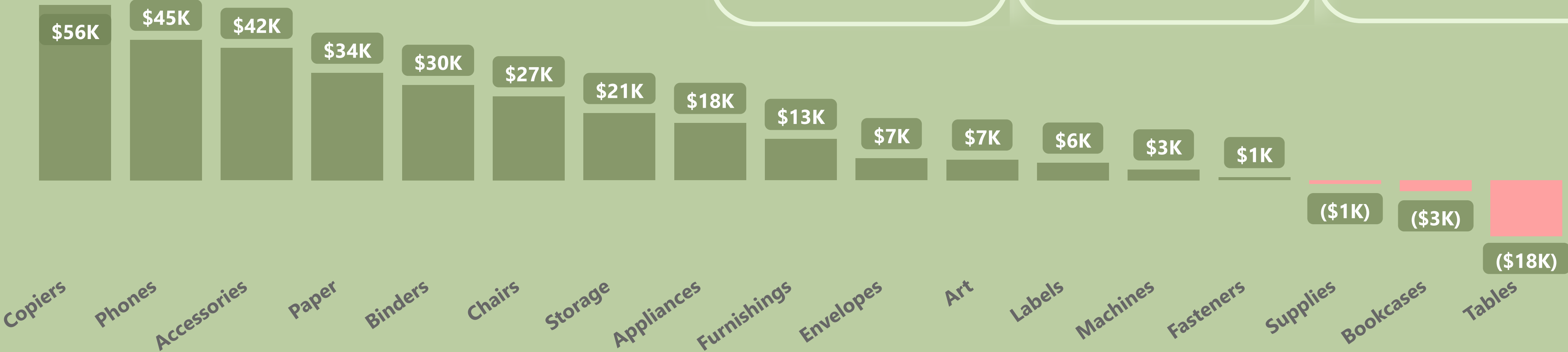
1

Total Profit - Sub-Category

Profit by Sub-...

Profit by Region

Profit by Ship Mode



State	Profit	Profit %
Indiana	\$8,400	48%
Michigan	\$6,853	50%
Washington	\$6,720	48%
Delaware	\$5,040	48%
Minnesota	\$4,630	49%
New York	\$3,920	35%
Georgia	\$3,177	50%
Virginia	\$2,800	32%

Most Profitable States

Loss making States

Most Profitable Cities

Loss making cities

Profit - Category

● Furniture ● Office Supplies ● Technology

