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Row Labels

5. Report Making II: Pivot Charts & Tables

Create Pivot Tables for:

a) Sales by Region and Segment

| Sum of Sales | Column Labels | | | |
|--------------|---------------|-------------|-------------|-------------|
| Row Labels | Consumer | Corporate | Home Office | Grand Total |
| Central | 252031.434 | 157995.8128 | 91212.644 | 501239.8908 |
| East | 350908.167 | 200409.347 | 127463.726 | 678781.24 |
| South | 195580.971 | 121885.9325 | 74255.0015 | 391721.905 |
| West | 362880.773 | 225855.2745 | 136721.777 | 725457.8245 |
| Grand Total | 1161401.345 | 706146.3668 | 429653.1485 | 2297200.86 |

b) Category vs. Profit

| Row Labels | Sum of Profit |
|-----------------|---------------|
| Furniture | 18451.2728 |
| Office Supplies | 122490.8008 |
| Technology | 145454.9481 |
| Grand Total | 286397.0217 |

c) Monthly Trend of Orders

| Row Labels | Count of Order ID |
|-------------|-------------------|
| 11/10/2016 | 35 |
| 11/12/2017 | 30 |
| 12/1/2017 | 34 |
| 12/11/2016 | 28 |
| 12/2/2017 | 34 |
| 12/8/2017 | 30 |
| 12/9/2017 | 33 |
| 9/2/2017 | 36 |
| 9/4/2017 | 28 |
| 9/5/2016 | 38 |
| 9/9/2017 | 29 |
| Grand Total | 355 |

Add Pivot Charts:

a) Bar chart for Region

Sum of Sales

Bar Chart for Sales by Region and Segment

Region

West

South

East

Segment

Home Office

Corporate

b) Line chart for Monthly Sales

Count of Order ID

Line Chart for Monthly Trends of Orders

Total

c) Pie for Category share

Sum of Profit

Pie for Category vs.Profit

Category

Furniture

Office Supplies

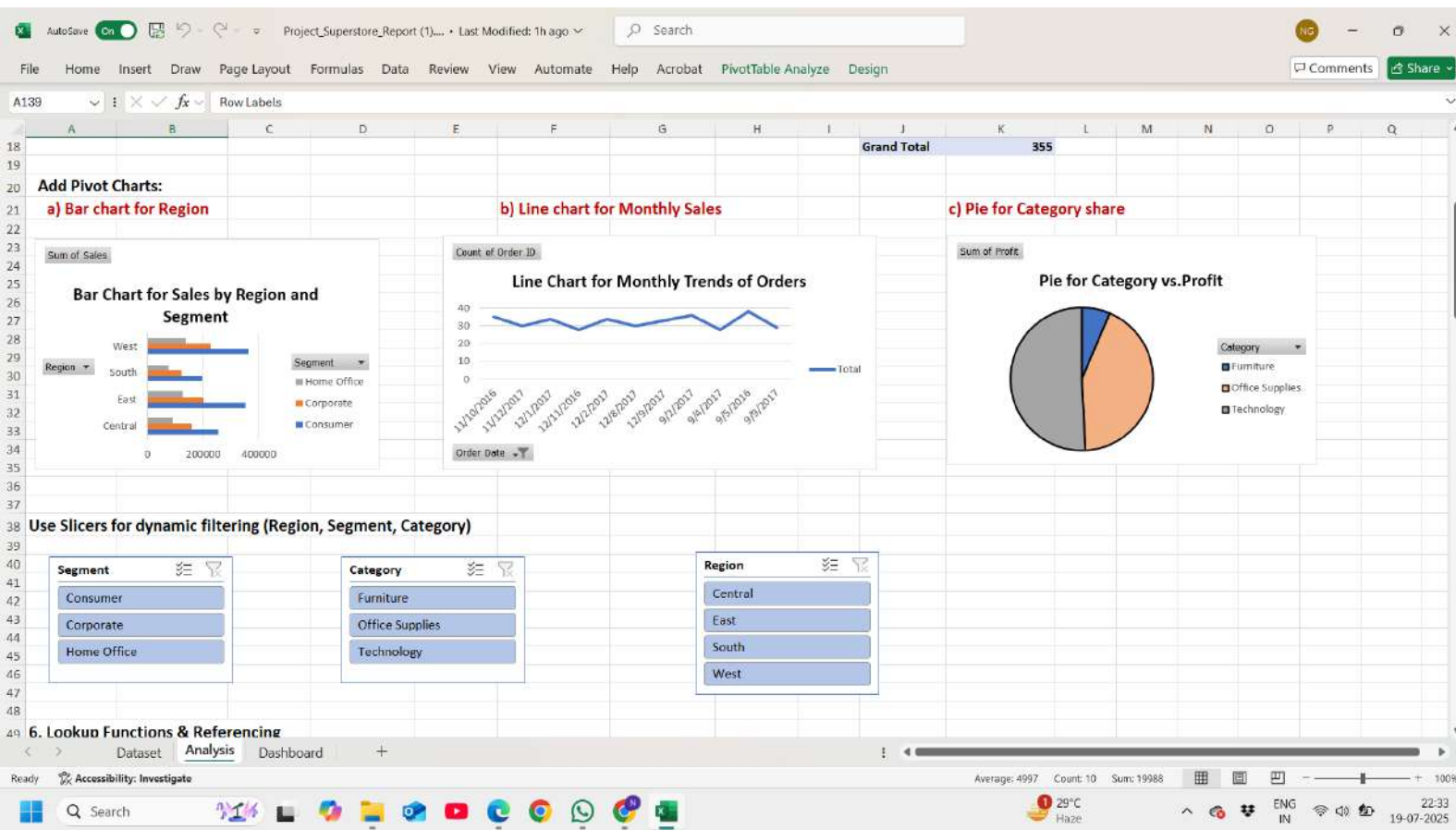
DatasetAnalysisDashboard

Average: 4997 Count: 10 Sum: 19988

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Row Labels

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6. Lookup Functions & Referencing

VLOOKUP - Questions...

product IDcategoryproduct IDprice

FUR-TA-100005FurnitureFUR-TA-10000577957.5775

XLOOKUP - Questions...

a. Use XLOOKUP to find the Product Name for any ID.

b. Use XLOOKUP to return "Not Available" if any Product ID is not found.

product IDproduct nameproduct IDproduct name

FUR-TA-100005Bretford CR4500 Series Slim Rectangular TableFUR-TA-10000578NOT AVAILABLE

HLOOKUP - Questions...

IDP001P002P003

NamePenPencilEraser

Price1057

Example 1: Price of the product with Item Code "P002"

5

Example 2: Get Product Name of P003

Eraser

Absolute and Relative Cell Referencing-Questions...

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Average: 4997Count: 10Sum: 19988

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A139Row Labels

73Example 2: Get Product Name of P003

74Eraser

75

76Absolute and Relative Cell Referencing-Questions...

77

78Relative Cell Referencing-Questions...

79(Price)B78 (Quantity)C78 (Total)

801003300

812004800

82

83Absolute Cell Referencing-Questions...

84(Price)(Discount Rate)(Discount)

8510010%100.1

86

87Mixed Cell Referencing-Questions...

88(Base)(Tax Rate)(Tax)

892005%10

90

91

92

93INDEX - MATCH

94

95Find the Profit earned from the product:

96"Hon Deluxe Fabric Upholstered Stacking Chairs, Rounded Back"

97

98219.582

99

100Find the Region of the customer: "Darrin Van Huff"

101

102219.582

103

104

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A139 fx Row Labels

| | | | | | | | | | | | | | | | | | |
|-----|--|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q |
| 102 | 7. Advanced Data Analysis Formulas | | | | | | | | | | | | | | | | |
| 103 | Sales > X Amount (Using COUNTIF, SUMIF, AVERAGEIF) | | | | | | | | High Discounted Orders | | | | | | | | |
| 104 | a). Count Orders with Sales > 500 | | | | | | | | a). Count of Orders with Discount > 20% | | | | | | | | |
| 105 | 1162 | | | | | | | | 1393 | | | | | | | | |
| 106 | b). Total Sales of Orders > 500 | | | | | | | | b). Total Sales from High Discount Orders | | | | | | | | |
| 107 | 1474984.133 | | | | | | | | 362770.1498 | | | | | | | | |
| 108 | c). Average Sales of Orders > 500 | | | | | | | | c).Average Sales of High Discount Orders | | | | | | | | |
| 109 | 1269.349512 | | | | | | | | 260.4236538 | | | | | | | | |
| 110 | Rank,Large<Small | | | | | | | | | | | | | | | | |
| 111 | | | | | | | | | | | | | | | | | |
| 112 | Rank | 18 | | | | | | | | | | | | | | | |
| 113 | Large | 22638.48 | | | | | | | | | | | | | | | |
| 114 | | 17499.95 | | | | | | | | | | | | | | | |
| 115 | Small | 0.444 | | | | | | | | | | | | | | | |
| 116 | | 0.556 | | | | | | | | | | | | | | | |
| 117 | Using VLOOKUP with IFERROR | | | | | | | | | | | | | | | | |

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Dataset Analysis Dashboard +

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