

# **POWER BI**

## **ASSESSMENT TASK 02**

Microsoft defines a Power BI dashboard as “**a single page, often called a canvas, that tells a story through visualizations. Because it’s limited to one page, a well-designed dashboard contains only the story’s highlights, and readers can view related reports for the details.**”

To hear from Microsoft again: “**A Power BI report is a multi-perspective view of a dataset, with visuals representing different findings and insights from that dataset. A report can have a single visual or pages full of visuals.**”

- While a dashboard may comprise visuals from several different reports, a report is a detailed breakdown of a single dataset.
- A dashboard may present a teaser or one particular facet of a dataset, whereas a report provides the entire picture and, thus, a more robust view.

### Sum of Profit and Sum of Shipping Cost by Product Category

Product Category	Sum of Profit (K)	Sum of Shipping Cost (\$K)
Technology	175	12.5
Office Supplies	85	8.5
Furniture	30	3.0

### Sum of Unit Price and Sum of Shipping Cost

Category	Value (K)
Sum of Unit Price	222.05
Sum of Shipping Cost	31.36
<b>Total</b>	<b>253.41</b>

### Sum of Shipping Cost, Sum of Unit Price, Sum of Profit and Sum of Discount

Category	Value (%)
Sum of Shipping Cost	12.35%
Sum of Unit Price	87.65%
Sum of Profit	0.00%
Sum of Discount	0.00%

### Sum of Sales by Product Category and Product Sub-Category

Product Sub-Category	Sum of Sales (M)
Furniture	0.10
Office Machines	0.15
Telephones an...	0.10
Other Bookcase	0.15
Tables	0.10
Chairs & Chair...	0.10
Technology	0.10
Other	0.10
Storage & Org...	0.10
Computer Peri...	0.10
Copiers and Fax	0.10
Telephones an...	0.10
Office Machines	0.10
Office Supplies	0.10

### Sum of Discount and Sum of Profit by Unit Price

Category	Value
Sum of Discount	0.07
Sum of Profit	77.98
<b>Total</b>	<b>78.05</b>

### Sum of Shipping Cost, Sum of Sales, Sum of Profit and Sum of Discount

Category	Value (M)	Percentage (%)
Sum of Shipping Cost	0.29	9.45%
Sum of Sales	2.77	89.53%
Sum of Profit	0.03	1.01%
Sum of Discount	0.00	0.00%

### Sum of Profit, Sum of Sales, Sum of Shipping Cost and Sum of Discount

Category	Value (%)
Sum of Profit	9.45%
Sum of Sales	89.53%
Sum of Shipping Cost	1.01%
Sum of Discount	0.00%

UNITED STATES

MEXICO

GUATEMALA

CLUBA

HATI

PR (U.S.)

Caribbean Sea

Gulf of Mexico

Sargasso Sea

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**Sum of Sales and Sum of Profit by Product Category**

Sum of Sales Sum of Profit

Product Category

**Sum of Profit and Sum of Sales by Discount**

Sum of Profit Sum of Sales

Discount

**Sum of Discount, Sum of Profit, Sum of Shipping Cost and Sum of Unit Price**

Sum of ... Sum of ... Sum of ... Sum of ...

**Sum of Profit, Sum of Discount, Sum of Sales and Sum of Unit Price**

Sum of Profit Sum of Discount Sum of Sales Sum of Unit Price

States	Consumer	Corporate	Home Office	Small Business	Total
Arizona	13,316.20	4,767.91	16,231.16	9,191.02	43,506.29
California	-18,077.70	62,310.97	23,874.47	17,990.65	86,098.39
Florida	5,262.52	13,113.33	4,001.90	2,039.06	24,416.81
New Jersey	6,920.94	20,352.96	1,991.96	-4,530.09	24,735.77
New York	27,935.80	38,817.44	13,005.09	33,800.64	113,558.97
<b>Total</b>	<b>35,357.76</b>	<b>139,362.59</b>	<b>59,104.58</b>	<b>58,491.28</b>	<b>292,316.22</b>