

# POWER BI CHALLENGE

## TASK 5 - ADVANCED DAX

The screenshot shows the Power BI desktop application. On the left, there's a table titled "Rank by Category Sales" with four rows of data:

	Total Sales	Category
1	165267	Electronics
2	139054	Clothing
3	127181	Furniture
1	431502	

In the center, there's a large card displaying the text "\$158.8K" with the subtitle "Sales\_Year\_To\_Date". To the right, a bar chart titled "Maximum Sales Amount by Category" shows sales for three categories: Furniture, Electronics, and Clothing. The Y-axis represents "Maximum Sales Amount" from \$0K to \$15K. The chart data is as follows:

Category	Maximum Sales Amount
Furniture	\$15K
Electronics	\$12K
Clothing	\$8K

The Power BI ribbon is visible at the top, and the "Data" pane is open on the right, showing various measures and calculations available for the current report.

- Created measures using time intelligence functions
- Created measures for comparisons across time periods
- Created measures to calculate growth or percentage change
- Created measures to perform ranking and top N analysis
- These measures are in visuals as Table, Card, Bar Chart