

Here's a similar Power BI dashboard design for a stock market analysis project. This design includes data tables and Power BI chart recommendations for visualizing different aspects of the stock market:

1. Portfolio Overview

Table Columns:

- Stock Symbol
- Company Name
- Shares Owned
- Purchase Price
- Current Price

Example Table:

Stock Symbol	Company Name	Shares Owned	Purchase Price	Current Price
AAPL	Apple Inc.	50	\$120	\$180
MSFT	Microsoft Corp.	30	\$210	\$290
TSLA	Tesla Inc.	20	\$350	\$700
AMZN	Amazon.com Inc.	10	\$3,000	\$3,200

Suggested Graph:

- **Graph Type:** Treemap
- **Value:** Total Value (Shares Owned * Current Price)
- **Group By:** Company Name

A treemap will show the distribution of investments across stocks, with larger boxes indicating higher total investments.

2. Stock Performance Overview

Table Columns:

- Date

- Stock Symbol
- Opening Price
- Closing Price
- Volume Traded

Example Table:

Date	Stock Symbol	Opening Price	Closing Price	Volume Traded
2024-11-01	AAPL	\$175	\$180	1.5M
2024-11-01	MSFT	\$285	\$290	2M
2024-11-01	TSLA	\$690	\$700	3M
2024-11-01	AMZN	\$3,150	\$3,200	500K

Suggested Graph:

- Graph Type: Line Chart
- X-Axis: Date
- Y-Axis: Closing Price
- Legend: Stock Symbol

A line chart will allow tracking of closing prices over time for different stocks, showing performance trends.

3. Sector Distribution

Table Columns:

- Sector
- Stock Symbol
- Market Capitalization
- Shares Owned
- Current Price

Example Table:

Sector	Stock Symbol	Market Capitalization	Shares Owned	Current Price
Technology	AAPL	\$2.4T	50	\$180

Sector	Stock Symbol	Market Capitalization	Shares Owned	Current Price
Technology	MSFT	\$2.1T	30	\$290
Consumer Discretionary	TSLA	\$900B	20	\$700
Consumer Discretionary	AMZN	\$1.6T	10	\$3,200

Suggested Graph:

- **Graph Type:** Donut Chart
- **Values:** Market Capitalization
- **Legend:** Sector

This visualization will show the sector distribution in the portfolio, helping identify sector concentration risks.

4. Dividend Overview

Table Columns:

- Stock Symbol
- Company Name
- Dividend per Share
- Dividend Yield
- Payment Date

Example Table:

Stock Symbol	Company Name	Dividend per Share	Dividend Yield	Payment Date
AAPL	Apple Inc.	\$0.88	0.5%	2024-10-31
MSFT	Microsoft Corp.	\$2.04	0.7%	2024-11-15
TSLA	Tesla Inc.	\$0	0%	N/A
AMZN	Amazon.com Inc.	\$0	0%	N/A

Suggested Graph:

- **Graph Type:** Column Chart
- **X-Axis:** Company Name
- **Y-Axis:** Dividend Yield

5. Risk Assessment

Table Columns:

- Stock Symbol
- Beta
- Volatility (%)
- Average Daily Volume
- Sector

Example Table:

Stock Symbol	Beta	Volatility (%)	Average Daily Volume	Sector
AAPL	1.2	1.5	1.5M	Technology
MSFT	1.1	1.3	2M	Technology
TSLA	2.0	2.5	3M	Consumer Discretionary
AMZN	1.3	1.7	500K	Consumer Discretionary

Suggested Graph:

- Graph Type: Scatter Plot
- X-Axis: Beta
- Y-Axis: Volatility (%)
- Size: Average Daily Volume
- Legend: Sector