Coin Toss Probability

| OUTCOME | NUMBER ON TIMES FLIPPED |
| :--- | :---: |
| Heads/Heads | 33 |
| Heads/Tails | 40 |
| Tails/Tails | 26 |
|  |  |

Column Chart


Heads/Heads

Heads/Heads Heads/Tails Tails/Tails -

Interactive charts let you explore and present data in stages, to emphasize relationships between values or groups of data. Drag the slider to see different data sets.

Interactive charts can be used to show data like sales by group over time, expenses by department, and population changes by country per continent.

## Yearly Sales by Product

| DESCRIPTION | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ |
| :--- | :---: | :---: | :---: | :---: |
| Product A | 25 | 50 | 100 | 75 |
| Product B | 50 | 100 | 150 | 100 |
| Product C | 100 | 200 | 250 | 350 |
| Product D | 75 | 100 | 150 | 200 |

## Interactive Chart

400

300

200


## Comparison of Units Sold by Year

Column, stacked column, and area charts compare data from multiple categories. For example, you can compare the annual sales of three products. The x-axis shows years and the $y$-axis shows quantities

| DESCRIPTION | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| Product 1 | 25 | 50 | 25 |
| Product 2 | 50 | 100 | 150 |
| Product 3 | 100 | 200 | 250 |

## Average Rainfall

Two-axis charts allow you to compare series of data that share $x$-axis values but have different values on their $y$-axis. Two-axis charts combine two different charts into one.

Common examples of two-axis charts compare rainfall and temperature, stock closing price and volume change over time, revenue and year-over-year growth, and blood pressure and weight over time.

| Average Rainfall |  |  |
| :--- | :---: | :---: |
| MONTH | AVG. RAIN FALL (IN) | AVG. TEMPERATURE ( ${ }^{\circ}$ F) |
| Jan | 3.01 | 58 |
| Feb | 3.22 | 62 |
| Mar | 2.54 | 66 |
| Apr | 1.18 | 69 |
| May | 0.51 | 74 |
| Jun | 0.10 | 79 |
| Jul | 0.02 | 82 |
| Aug | 0.02 | 82 |
| Sep | 0.18 | 80 |
| Oct | 0.80 | 74 |
| Nov | 1.68 | 64 |
| Dec | 2.61 | 58 |



Average Speed vs. Miles Per Gallon


Total Sales by Salespeople and Units Sold
Bubble charts show correlations between three points of data in a series: $x$ values, $y$ values, and sizes.

For example, bubble charts can be used to illustrate how profit correlates to the number of employees and units sold, or to suggest a trend in birth rates compared to the populations of different countries over time.

| SALESPEOPLE | UNITS SOLD | TOTAL SALES |
| :---: | :---: | :---: |
| 8 | 264 | $\$ 7,010,784$ |
| 14 | 378 | $\$ 5,352,858$ |
| 11 | 210 | $\$ 5,918,000$ |
| 10 | 270 | $\$ 6,974,910$ |
| 4 | 105 | $\$ 2,964,150$ |
| 13 | 286 | $\$ 3,897,894$ |
| 7 | 190 | $\$ 4,686,350$ |
| 12 | 133 | $\$ 1,844,843$ |

Bubble Chart


