

- 1.** Write a Pandas program to create a line plot of the historical stock prices of Alphabet Inc. between two specific dates.
- 2.** Write a Pandas program to create a line plot of the opening, closing stock prices of Alphabet Inc. between two specific dates.
- 3.** Write a Pandas program to create a bar plot of the trading volume of Alphabet Inc. stock between two specific dates.
- 4.** Write a Pandas program to create a bar plot of opening, closing stock prices of Alphabet Inc. between two specific dates.
- 5.** Write a Pandas program to create a stacked bar plot of opening, closing stock prices of Alphabet Inc. between two specific dates.
- 6.** Write a Pandas program to create a horizontal stacked bar plot of opening, closing stock prices of Alphabet Inc. between two specific dates.
- 7.** Write a Pandas program to create a histograms plot of opening, closing, high, low stock prices of Alphabet Inc. between two specific dates.
- 8.** Write a Pandas program to create a stacked histograms plot of opening, closing, high, low stock prices of Alphabet Inc. between two specific dates.
- 9.** Write a Pandas program to draw a horizontal and cumulative histograms plot of opening stock prices of Alphabet Inc. between two specific dates.
- 10.** Write a Pandas program to create a stacked histograms plot of opening, closing, high, low stock prices of Alphabet Inc. between two specific dates with more bins.

- 11.** Write a Pandas program to create a stacked histograms plot with more bins of opening, closing, high, low stock prices of Alphabet Inc. between two specific dates.
- 12.** Write a Pandas program to create a plot of stock price and trading volume of Alphabet Inc. between two specific dates.
- 13.** Write a Pandas program to create a plot of Open, High, Low, Close, Adjusted Closing prices and Volume of Alphabet Inc. between two specific dates.
- 14.** Write a Pandas program to create a plot of adjusted closing prices, thirty days and forty days simple moving average of Alphabet Inc. between two specific dates.
- 15.** Write a Pandas program to create a plot of adjusted closing prices, 30 days simple moving average and exponential moving average of Alphabet Inc. between two specific dates.
- 16.** Write a Pandas program to create a scatter plot of the trading volume/stock prices of Alphabet Inc. stock between two specific dates.
- 17.** Write a Pandas program to create a plot to visualize daily percentage returns of Alphabet Inc. stock price between two specific dates.
- 18.** Write a Pandas program to plot the volatility over a period of time of Alphabet Inc. stock price between two specific dates.
- 19.** Write a Pandas program to create a histogram to visualize daily return distribution of Alphabet Inc. stock price between two specific dates.