

Producing Line and Area Graphs in Base R



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Overview



Create a simple line graph and customize with labels and color

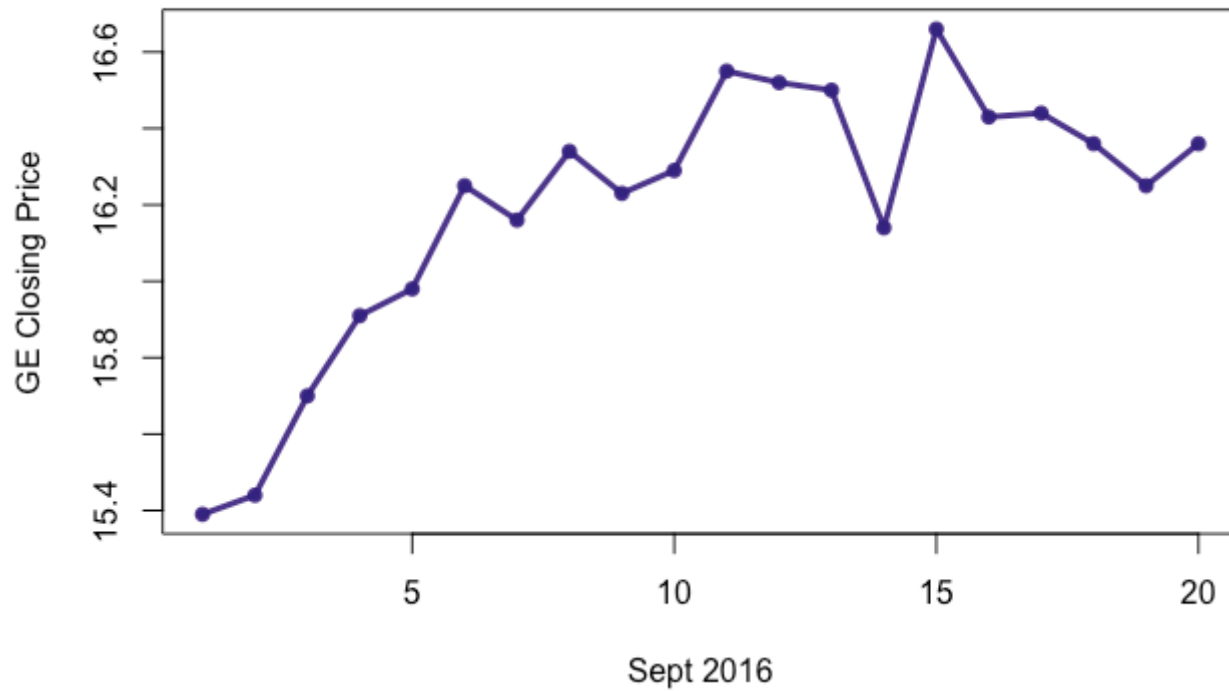
Understand the trends over time

Produce an area chart with stock prices

Apply these graphs to a project today



Line Chart



Line Chart:
Stock prices by Date

Goal:
Trends over time



Demo



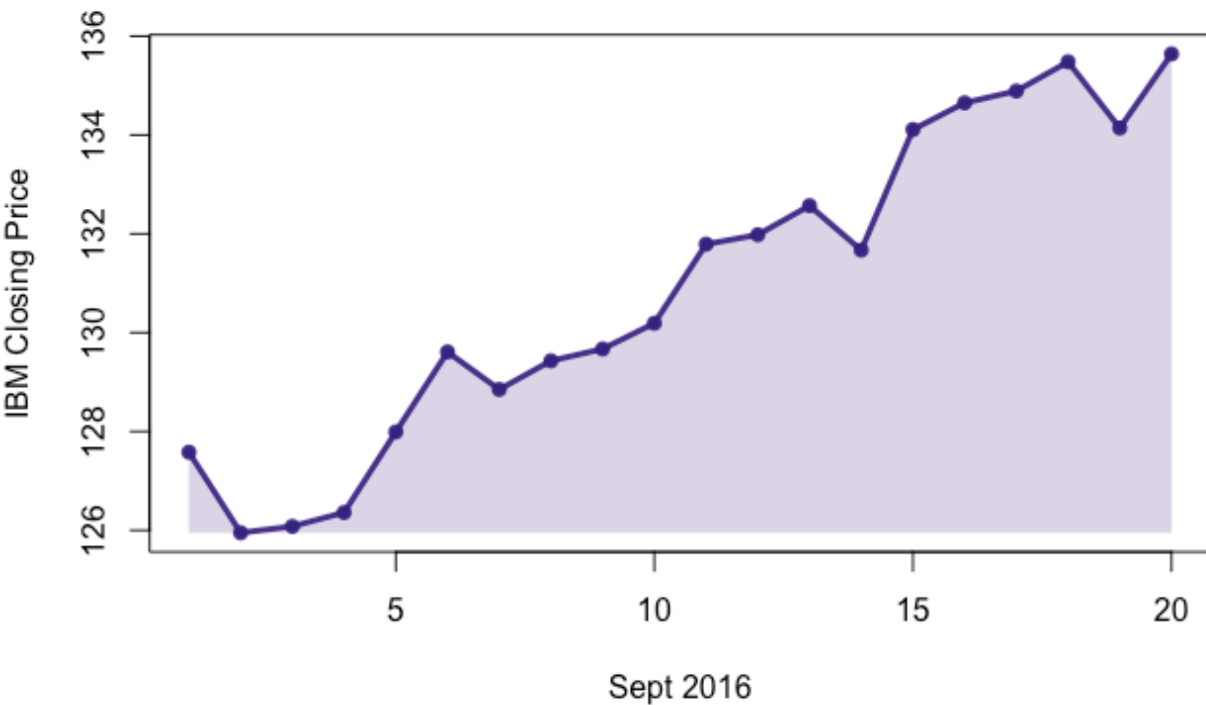
Import data frame

Convert data variable

Create line chart



Area Chart



Area Chart:
Stock prices by Date

Goal:
Evolution over time



Demo



Create line chart

Use a base R function for area chart



Summary



Create a simple line chart without loading a library

Customize the line chart

Produce a customized area chart

Communicate the results

- Show your team or a fellow analyst what the data trends over time

