IBM

Data Visualization with Python
IBM

⌄ Course Material

✓ Week 1
✓ Week 2
○ Week 3
○ Week 4
○ Week 5

Grades

Notes

Discussion Forums

Messages (2)

Course Info

ⓘ **Earn credit towards a degree!**   Dismiss ✕
When you complete this certificate you can earn college credit
if you are admitted and enroll in an eligible degree program.[1]

[1]Each university determines the number of pre-approved prior learning
credits that may count towards the degree requirements according to
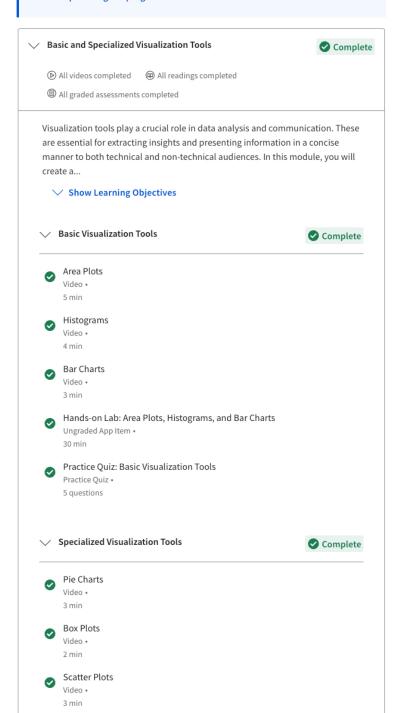institutional policies.

Explore eligible programs

Let's set a weekly goal
Learners who set a goal are 75%
more likely to complete the
course. We'll help you track your
progress.

[Set goal]

⌄ **Basic and Specialized Visualization Tools**   ✓ **Complete**

▷ All videos completed   🌐 All readings completed

🗐 All graded assessments completed

Visualization tools play a crucial role in data analysis and communication. These
are essential for extracting insights and presenting information in a concise
manner to both technical and non-technical audiences. In this module, you will
create a...

⌄ **Show Learning Objectives**

⌄ **Basic Visualization Tools**   ✓ **Complete**

✓ Area Plots
Video •
5 min

✓ Histograms
Video •
4 min

✓ Bar Charts
Video •
3 min

✓ Hands-on Lab: Area Plots, Histograms, and Bar Charts
Ungraded App Item •
30 min

✓ Practice Quiz: Basic Visualization Tools
Practice Quiz •
5 questions

⌄ **Specialized Visualization Tools**   ✓ **Complete**

✓ Pie Charts
Video •
3 min

✓ Box Plots
Video •
2 min

✓ Scatter Plots
Video •
3 min

✓ Hands-on Lab: Pie Charts, Box Plots, Scatter Plots, and
Bubble Plots
Ungraded App Item •
30 min

✓ Plotting Directly with Matplotlib
Video •
8 min

Hands-on Lab: Plotting Directly with Matplotlib

Ungraded App Item •

40 min

Practice Quiz: Specialized Visualization Tools

Practice Quiz •

5 questions

Summary: Basic and Specialized Visualization Tools

Reading •

5 min

Cheat Sheet: Plotting with Matplotlib using Pandas

Ungraded Plugin •

15 min

Graded Quiz: Basic and Specialized Visualization Tools

Graded Quiz •   • Grade: 100%

10 questions