

Course Summary and Next Steps



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Data Analysis



Course Topics

- Collecting Data
 - APIs or Scraper
 - CSV Files
 - Databases
- Cleaning Data
- Data Structures
- Databases (Sqlite3)
- Data Visualizations



Data Structures

[]

{ }

()

set()



Pygal.org

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Pygal

Sexy python charting

Horizontal Bar Chart with Rotated Y Labels

Category	alpha	beta
one	1	4
two	2	3
three	2	1
four	3	1
five	2	1

Line Chart with Rotated X Labels, Fill, and Cubic Interpolation

Category	alpha	beta
one	1	4
two	2	3
three	2	1
four	3	1
five	2	1

An Ordinary Pie Chart

Series	Value
alpha	50
beta	50

Radar Chart with Fill

Category	alpha	beta
one	1	4
two	2	3
three	2	1
four	3	1
five	2	1

Simple python charting



Next Steps

numpy

pandas

jupyter

