

# Module-03, Python for Data Analysis

## Data Visualization (Pandas-built-in)

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# Pandas Built-in Data Visualization

In this lecture we will learn about pandas built-in capabilities for data visualization! It's built-off of matplotlib, but it's baked into pandas for easier usage!

There are several plot types built-in to pandas, most of them statistical plots by nature:

- `df.plot.area`, `df.plot.barh`, `df.plot.density`, `df.plot.hist`
- `df.plot.line`, `df.plot.scatter`, `df.plot.bar`, `df.plot.box`
- `df.plot.hexbin`, `df.plot.kde`, `df.plot.pie`



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# Pandas Built-in Data Visualization

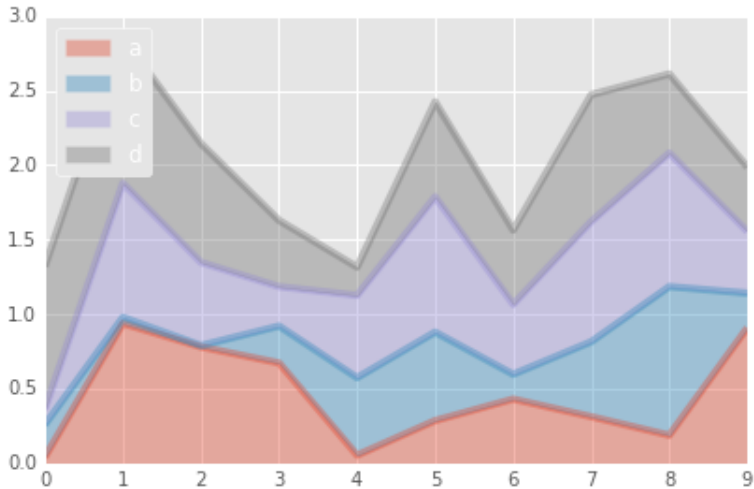
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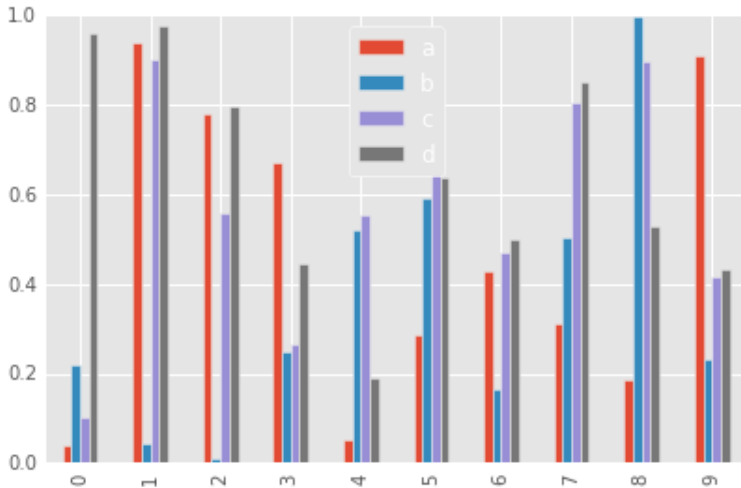
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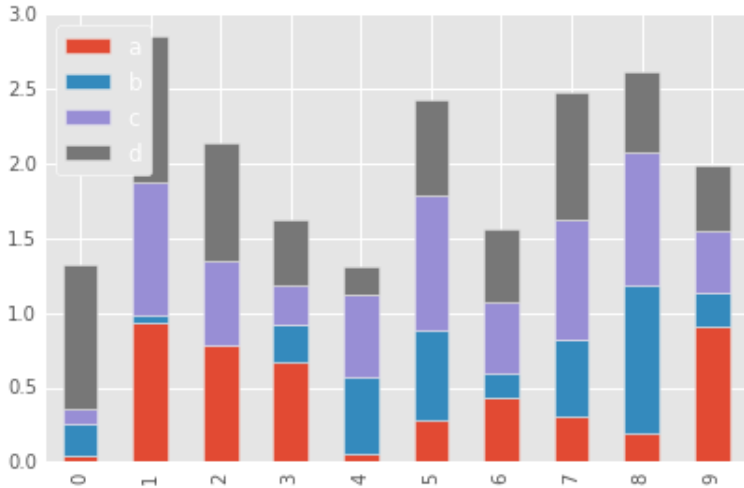
## Area



## Barplots

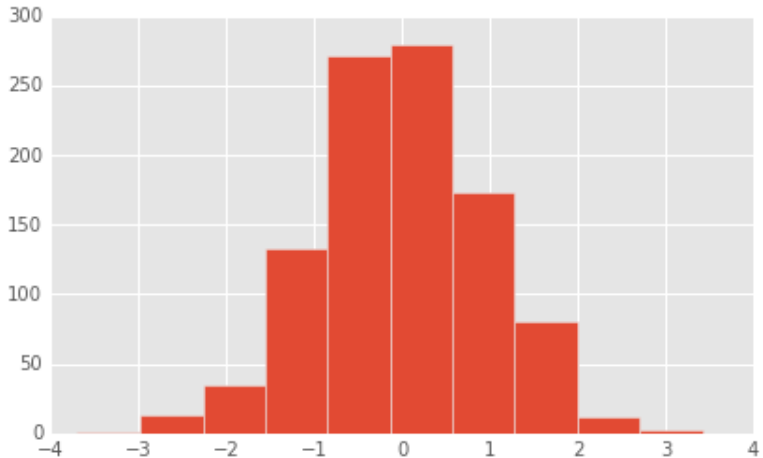


## ● Bar stacked





## • Histograms



Great Job  
Thank yo

