

**SPICED**

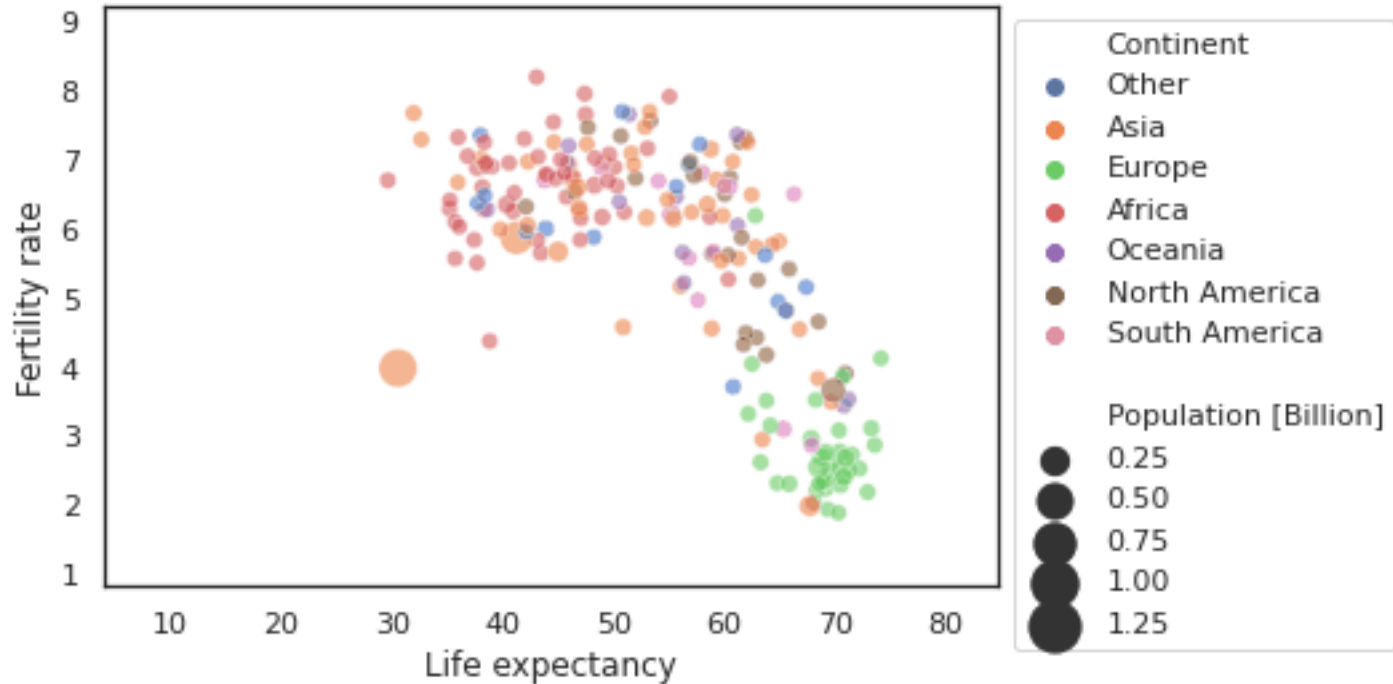
# Spiced Data Science

Week 1: Visual Data Analysis

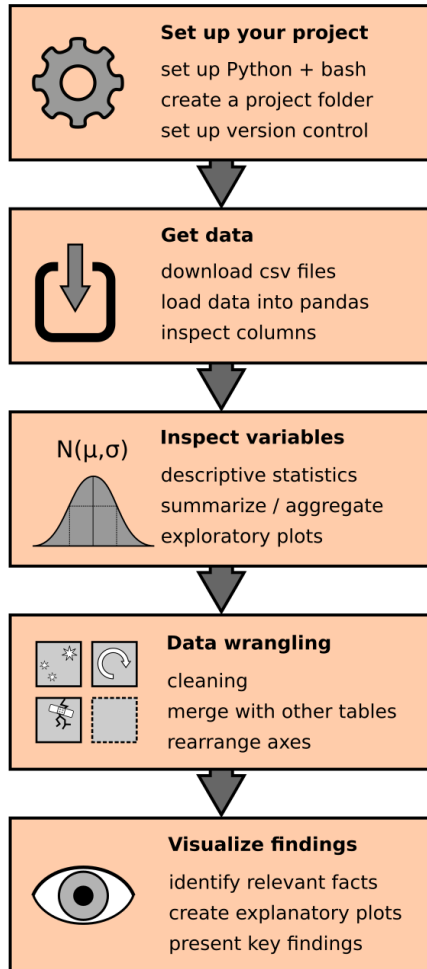


# Project of the Week

## Life Expectancy - Fertility Rate Correlation in 1960

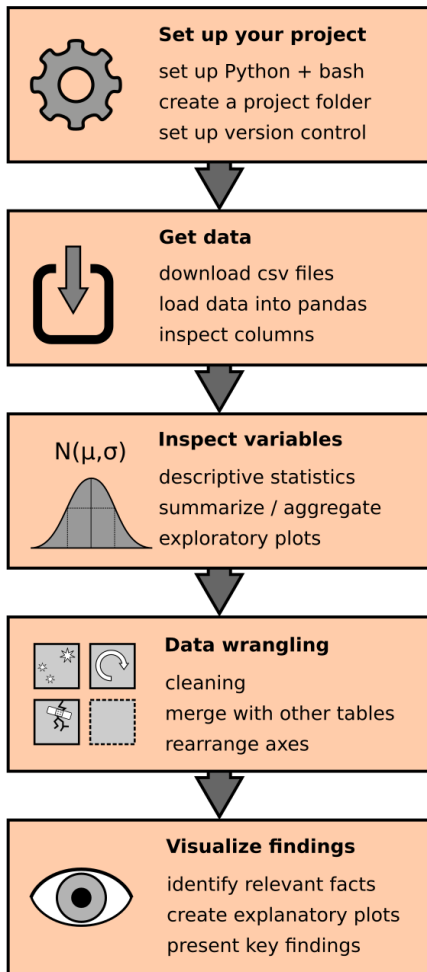


# Roadmap for Visual Data Analysis

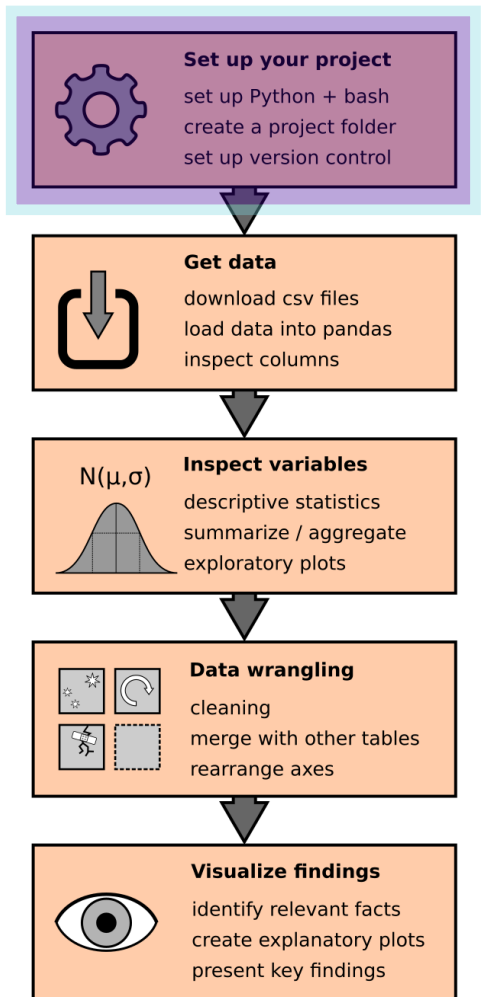


# Roadmap for Visual Data Analysis

## Your Schedule:



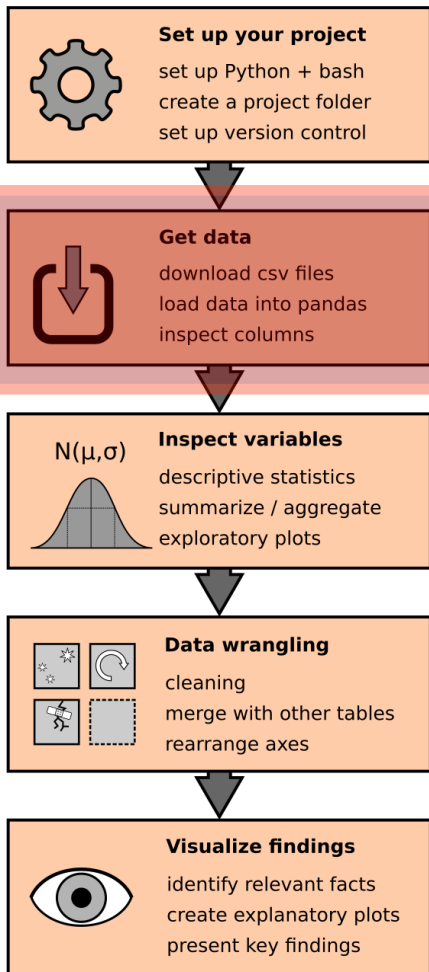
	AM	PM
Mon.	HOLIDAY	HOLIDAY
Tues.	Orientation	The Command Line
Wed.	Version Control with Git	Pandas: Intro
Thurs.	Plotting in Python	Aggregation
Fri.	Long vs. Wide Tables	Descriptive Statistics



# Roadmap for Visual Data Analysis

## Your Schedule:


	AM	PM
Mon.	HOLIDAY	HOLIDAY
Tues.	Orientation	The Command Line
Wed.	Version Control with Git	Pandas: Intro
Thurs.	Plotting in Python	Aggregation
Fri.	Long vs. Wide Tables	Descriptive Statistics




# Roadmap for Visual Data Analysis

## Your Schedule:


	AM	PM
Mon.	HOLIDAY	HOLIDAY
Tues.	Orientation	The Command Line
Wed.	Version Control with Git	Pandas: Intro
Thurs.	Plotting in Python	Aggregation
Fri.	Long vs. Wide Tables	Descriptive Statistics




**Set up your project**  
set up Python + bash  
create a project folder  
set up version control




**Get data**  
download csv files  
load data into pandas  
inspect columns



**Inspect variables**  
descriptive statistics  
summarize / aggregate  
exploratory plots



**Data wrangling**  
cleaning  
merge with other tables  
rearrange axes



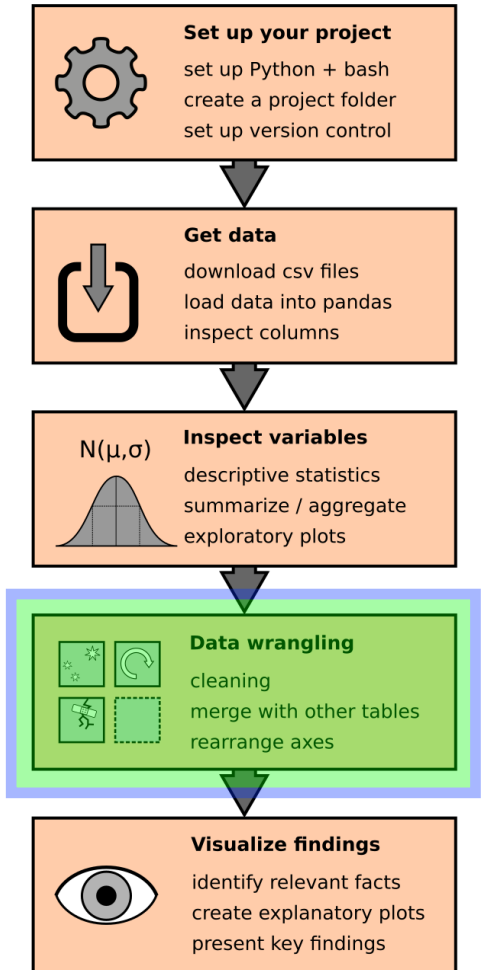
**Visualize findings**  
identify relevant facts  
create explanatory plots  
present key findings

# Roadmap for Visual Data Analysis

## Your Schedule:

	AM	PM
Mon.	HOLIDAY	HOLIDAY
Tues.	Orientation	The Command Line
Wed.	Version Control with Git	Pandas: Intro
Thurs.	Plotting in Python	Aggregation
Fri.	Long vs. Wide Tables	Descriptive Statistics

# Roadmap for Visual Data Analysis

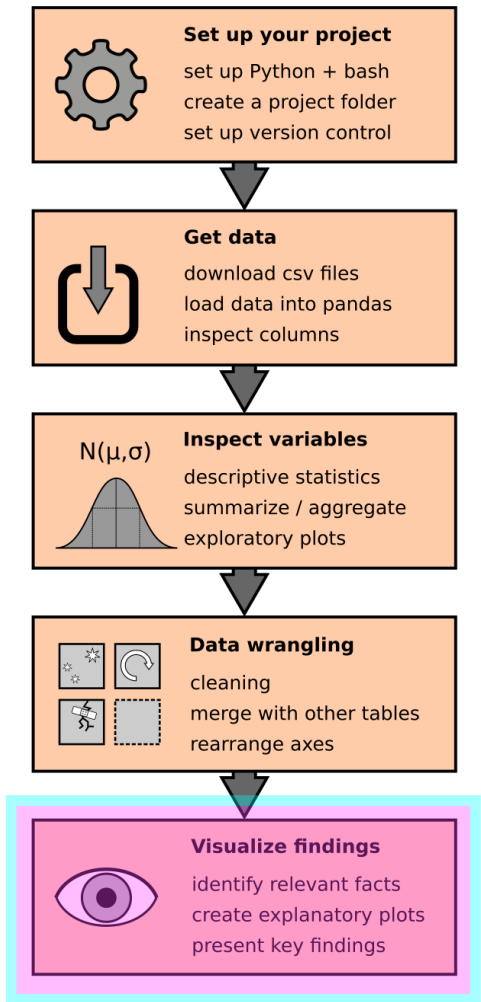


## Your Schedule:

	AM	PM
Mon.	HOLIDAY	HOLIDAY
Tues.	Orientation	The Command Line
Wed.	Version Control with Git	Pandas: Intro
Thurs.	Plotting in Python	Aggregation
Fri.	Long vs. Wide Tables	Descriptive Statistics

# Roadmap for Visual Data Analysis

## Your Schedule:



	AM	PM
Mon.	HOLIDAY	HOLIDAY
Tues.	Orientation	The Command Line
Wed.	Version Control with Git	Pandas: Intro
Thurs.	Plotting in Python	Aggregation
Fri.	Long vs. Wide Tables	Descriptive Statistics

