Contact

“How to Set Up Excel Worksheets for Success”

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Agenda

- 1) Why Excel is Important for your career
- 2) 5 Tab Approach
- 3) Data integrity
- 4) Line charts with multiple series
- 5) Printing

Five tab approach

- 1) Cover
- 2) Data
- 3) Chart
- 4) Analysis
- 5) Print

Wolves and Finance

Unemployment Analysis

Created by: Zach DeGregorio
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Date created: 10/27/2020
Version: 1

Date of data: 1948-2020, last date 9-1-2020, data downloaded 10-27-2020
Purpose: This spreadsheet shows the monthly unemployment percentage

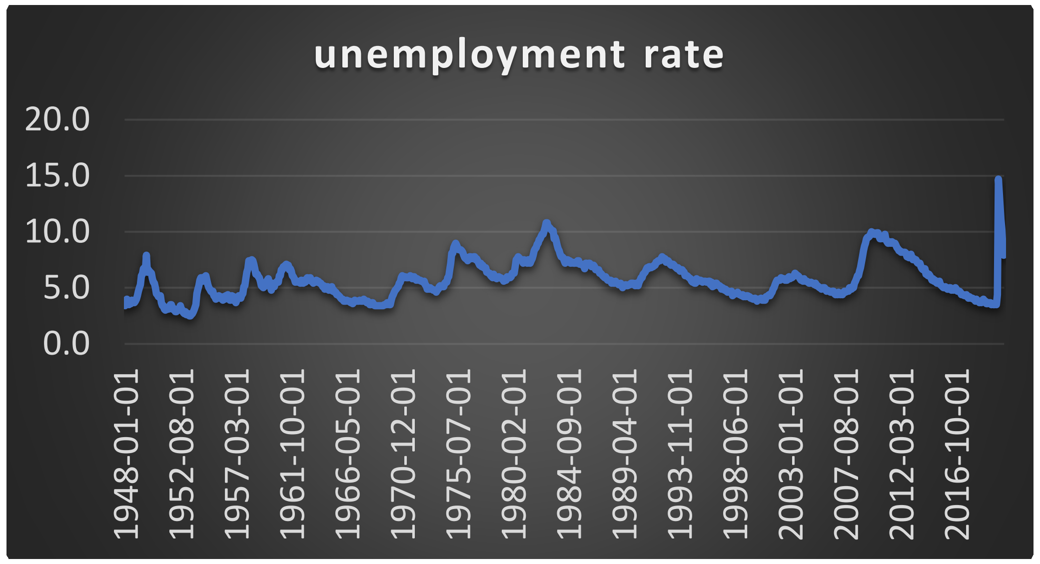
FRED Graph Observations
Federal Reserve Economic Data
Link: https://fred.stlouisfed.org
Help: https://fredhelp.stlouisfed.org
Economic Research Division
Federal Reserve Bank of St. Louis

UNRATE Unemployment Rate, Percent, Monthly, Seasonally Adjusted

Frequency: Monthly

observation_date	UNRATE
1948-01-01	3.4
1948-02-01	3.8
1948-03-01	4.0
1948-04-01	3.9
1948-05-01	3.5
1948-06-01	3.6
1948-07-01	3.6
1948-08-01	3.9
1948-09-01	3.8
1948-10-01	3.7
1948-11-01	3.8
1948-12-01	4.0
1949-01-01	4.3
1949-02-01	4.7
1949-03-01	5.0
1949-04-01	5.3
1949-05-01	6.1
1949-06-01	6.2
1949-07-01	6.7
1949-08-01	6.8
1949-09-01	6.6
1949-10-01	7.9

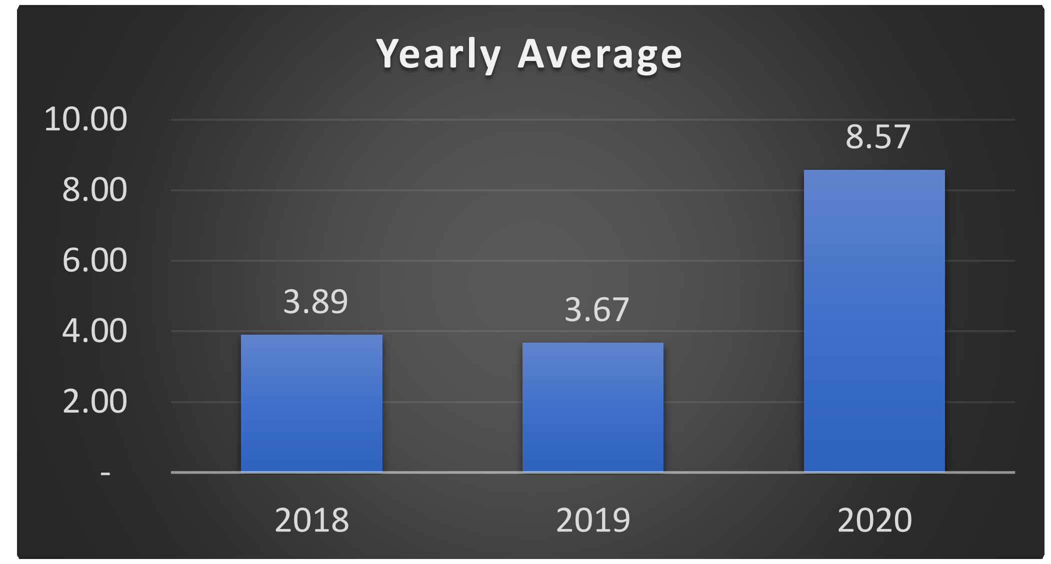
Charts

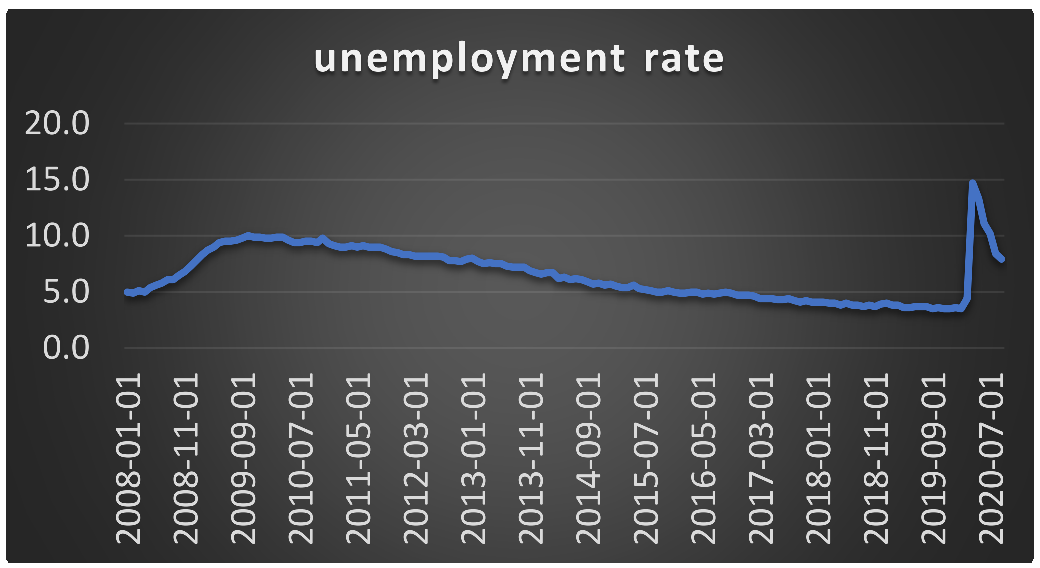


Yearly Average

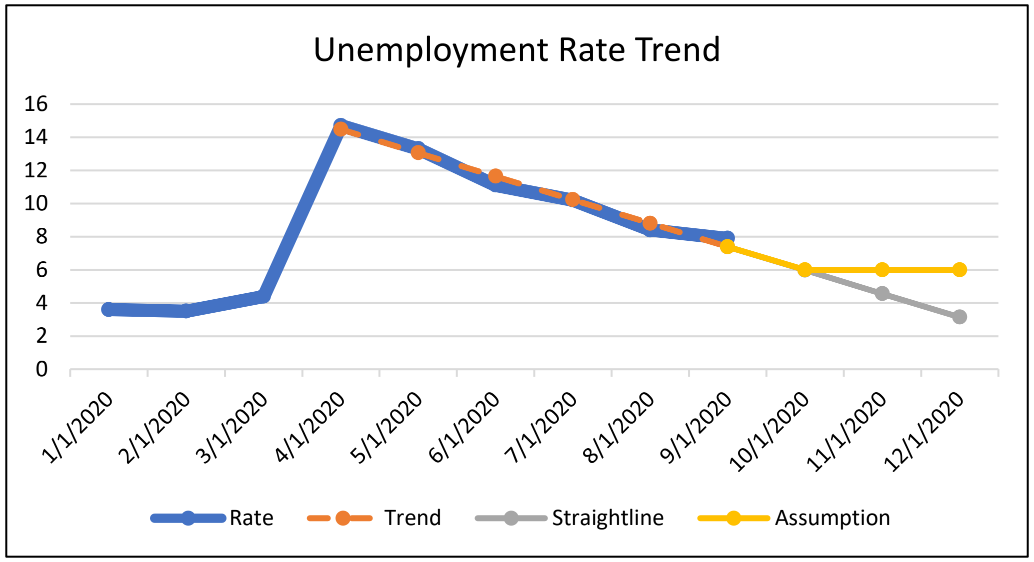
2018	3.89
2019	3.67
2020	8.57

*2020 is through Sept





	Month	Rate	Trend	Straightline	Assumption
	1/1/2020	3.6			
	2/1/2020	3.5			
	3/1/2020	4.4			
1	4/1/2020	14.7	14.48		
2	5/1/2020	13.3	13.06		
3	6/1/2020	11.1	11.64		
4	7/1/2020	10.2	10.22		
5	8/1/2020	8.4	8.81		
6	9/1/2020	7.9	7.39	7.39	7.39
7	10/1/2020			5.97	6
8	11/1/2020			4.56	6
9	12/1/2020			3.14	6



ARRAY FORMULAS

Trend: f_x =TREND(C8:C13,A8:A13)

Forecast: f_x =TREND(D8:D13,A8:A13,A14:A16)

US Unemployment Analysis

data as of October 27, 2020

Analysis:

- The US unemployment rate dropped to 7.9 in Oct
- The average yearly unemployment rate to date in 2020 is 8.4
- The significant increase from previous years is driven by the pandemic
- This analyst assumes rates will continue to drop, but stabilize around 6% for the remainder of 2020

Charts: