



Tableau Project

Week 4 - Brigitte Sullivan



TOC

Project Overview

Results

Process

Challenges

If I had more time



Project objective

Which economic indicators respond most to economic crises?



Key Results

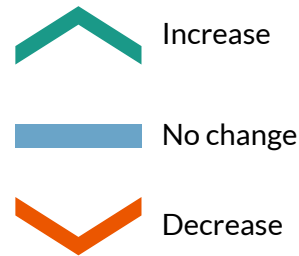
1. Which economic events have had a significant effect on ?
 - a. Earnings
 - b. House Prices
 - c. Office Prices
 - d. CPI
 - e. New constructions

[Link: Tableau Workbook](#)





Results



Event	Earnings	House Prices	Office Prices	CPI	New Constructions
Black Monday	Not available				
Recession (90's)	Not available				
Dot com bubble					
Financial crisis					



Key Results

1. New constructions appear to be most volatile and experiences significant decreases during each economic crisis assessed
2. Office Prices appear to be the least affected by economic crises
3. Line charts most effectively represent continuous numeric data across time





Process

1

Import and connect data sources

3

Complete Analysis Tasks

2

High-level EDA, sense of data

4

Re-import missing data and connect,
troubleshoot issues



Challenges

1

Incomplete data access, incomplete data at beginning of project created disorganization and re-work

3

Datetime data type conversion

2

Relationships among data sources are complex and unclear

4

Importing JSON data into Tableau



Future Goals

1

Further Investigation into patterns

3

Cluster data to perform additional regression analysis

2

Improve interactivity and elegance of visualizations and dashboards

4

Reset data connections



Thank you.

