



# Data Science 4 Design

//FIFA Qs Dataset Presentation

# // Audience

- Data host
- Soccer managers
- Soccer analysts
- Soccer scouts, etc.

# // The Data (0/2)

- Private/sensitive
- 1058 rows, 44 cols
- Player match performance measures

# // The Data (1/2)

For-each team:

- Team name
- Cluster tag
- Player match performance measures

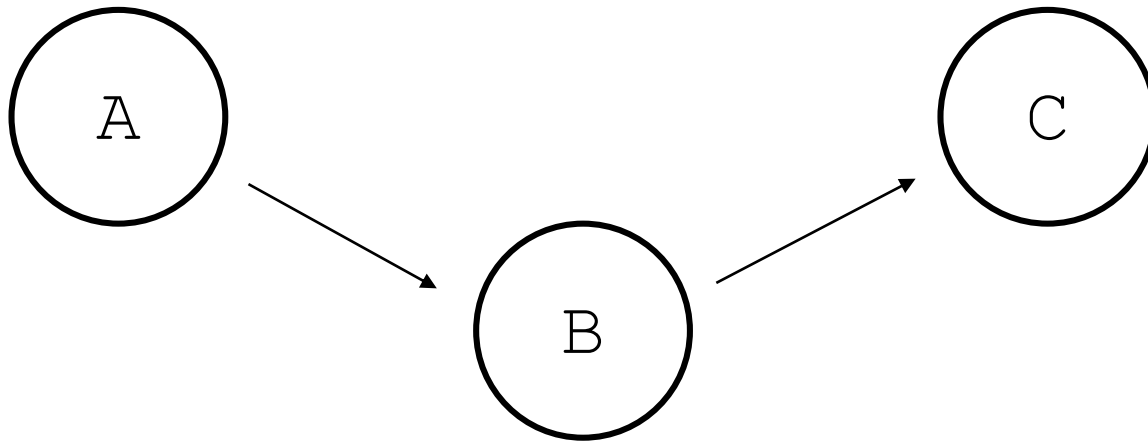
## // The Data (2/2)

For-each player:

- Betweenness Centrality
- Closeness Centrality
- Median X position (based on pass starting pos.)
- Median Y position (based on pass starting pos.)

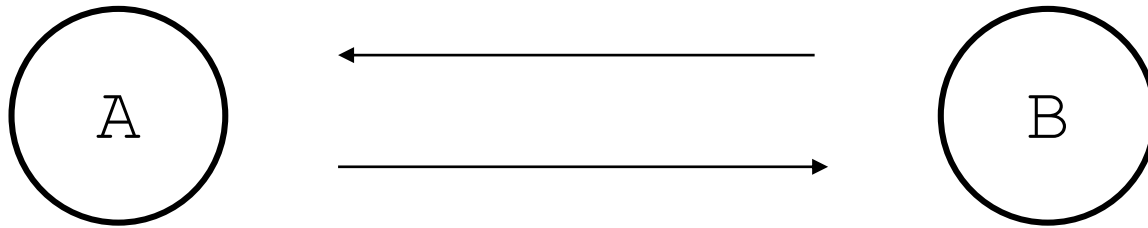
# // Betweenness Centrality

- A-B-C passing, where A,B,C = three players



# // Closeness Centrality

- A-B-A passing, where A,B = two players



## // Outcome

- Interactive web-based [interface](#) with vizs
- Developed using Dash (Flask, Plotly.js, and React.js – pure Python)
- Reason: sticks well with course content and structure
- Temporarily hosted on localhost



Demo

What's left to do?

*Q & A*

Fin