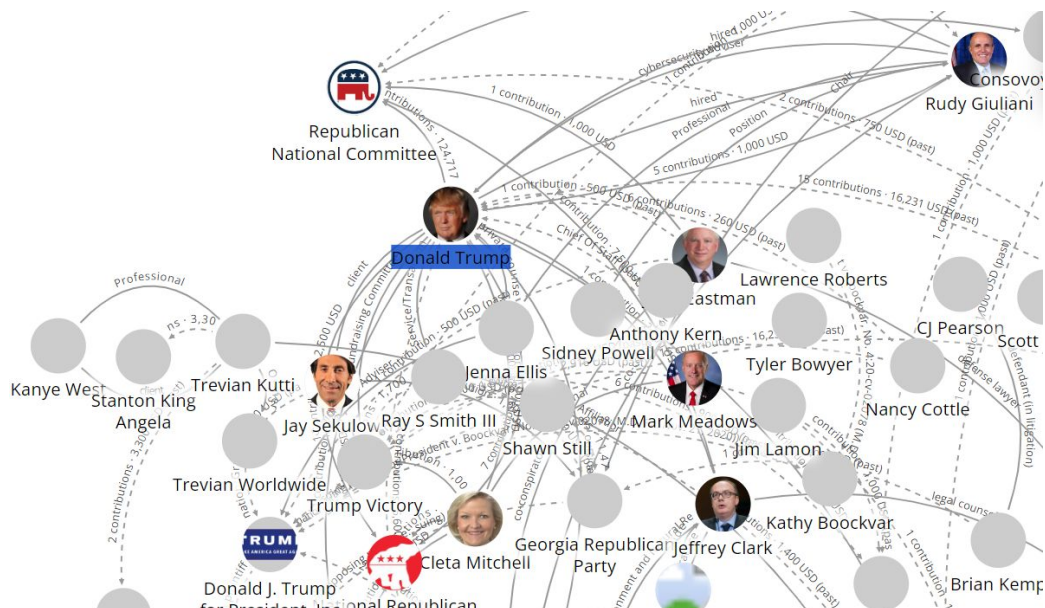


Networks of Presidential Candidates and the US Politics

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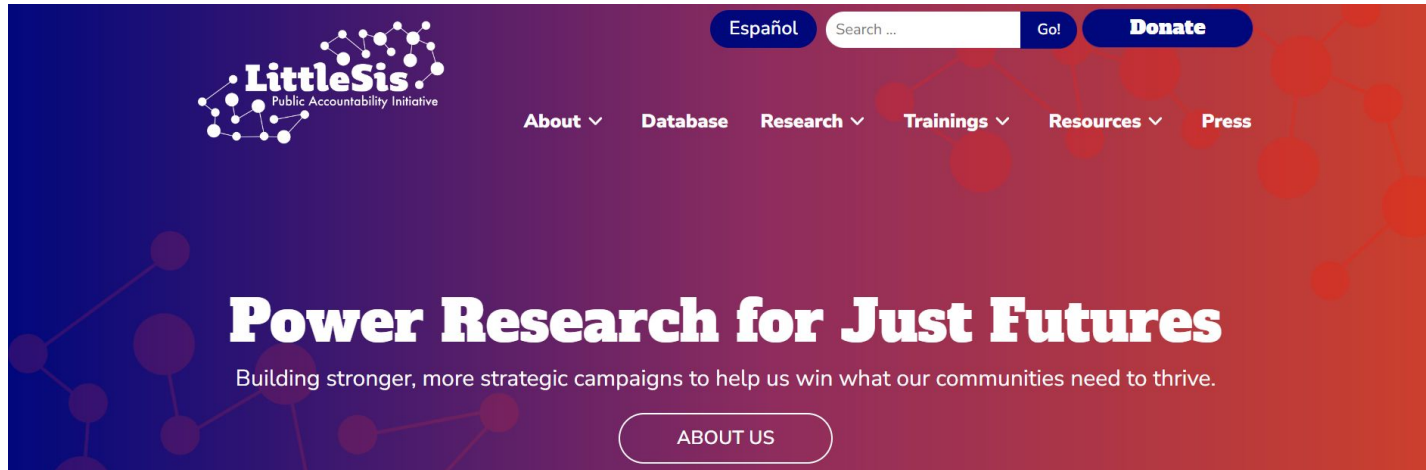
Background

The relationships of presidential candidates with donors and other influential individuals in the American politics, economy and industry forms a network whose properties can be used to predict the election outcomes and policies that the candidates may follow after being elected.



Data

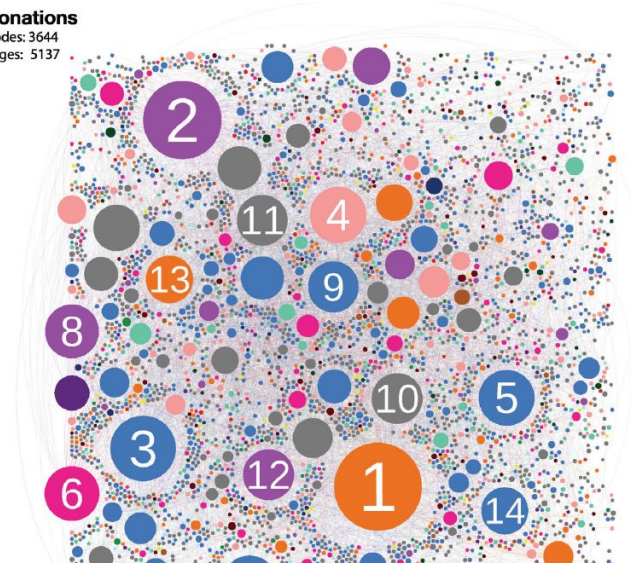
Analyze data from LittleSis.org, the online watchdog which has compiled a large data on influential individuals and organizations and relationships among them.



Scientific Merit

- Convert data into networks
- Extract patterns representing the differences between the networks of campaign winners and losers using ML tools
- Identify and quantify features of a candidate's network that are crucial to win or lose a campaign

Donations
Nodes: 3644
Edges: 5137



Broader Impact

- Try to predict outcome of future presidential campaigns
- Extract particular relationship pattern lead an organization to success or failure

Thank you