

SavvyIndependent.com

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The Concept

- To create an interactive machine learning system that allows users to view politics more holistically.
- The goal of the project was to increase political understanding and decrease reliance on political parties

Implementation

Apache PySpark hosted on EC2

Web server hosted on EC2

Website built using PHP, JavaScript, Html, and Css

Pro Publica and Google Civics Api integration

MySQL database on RDS

Implementation cont.

Machine learning algorithm was implemented using Python.

The categorical bill summaries were used to create a Naive Bayes data model that we could use to predict a users opinion of a bill based on their political views.

Demo

www.savvyindependent.com

Impact

- As the machine learning algorithm grows more complex our hope for the project is that it would provide a more complete view of candidates