



Of interest to:
CIO, CDO, Procurement Officer

A World
Leading SFI
Research
Centre



Technology Observatory

AI assisted technology sourcing and procurement

Background

For financial institutions, producing technology procurement reports requires manual analysis of numerous information sources.

Solution

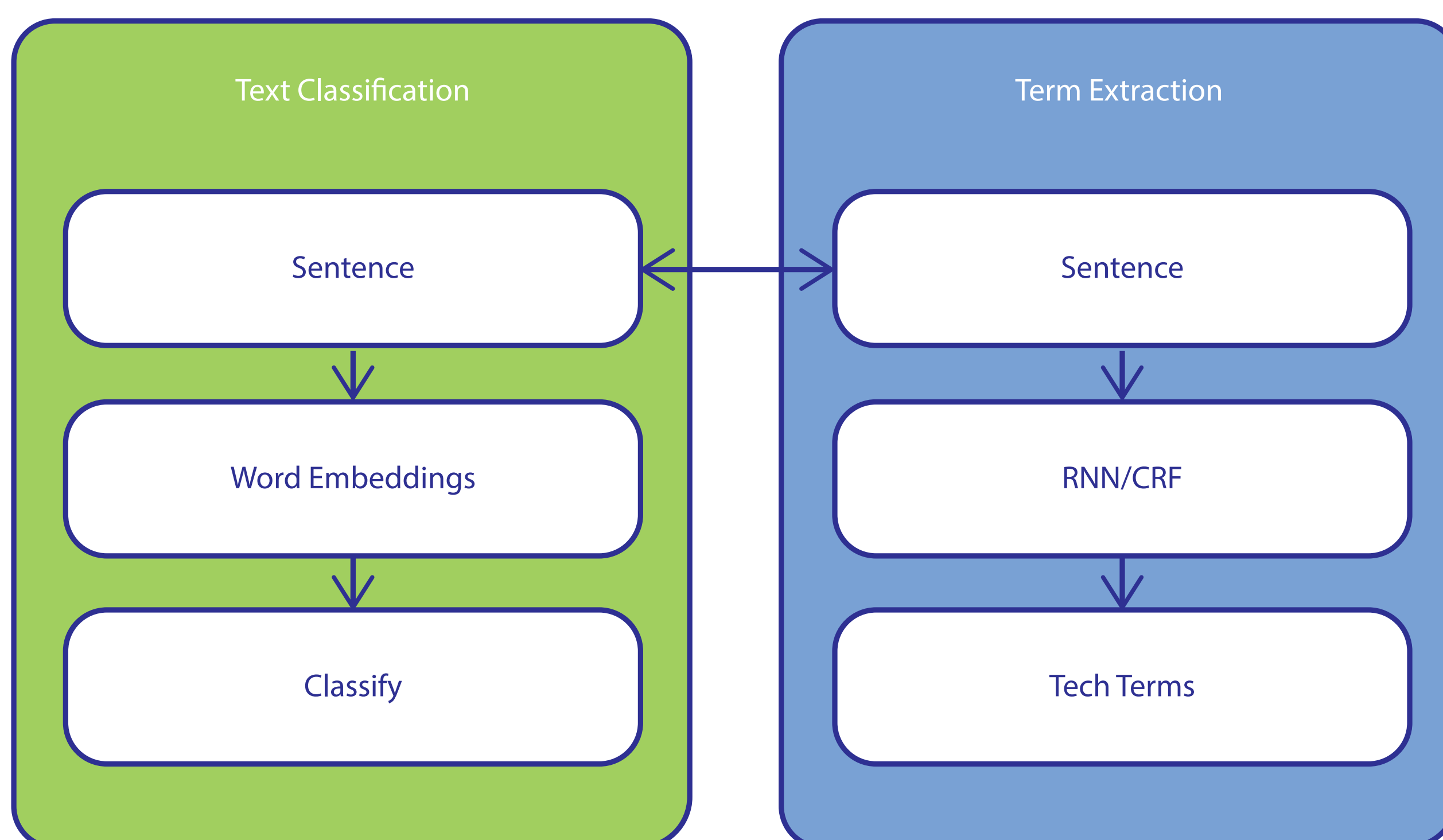
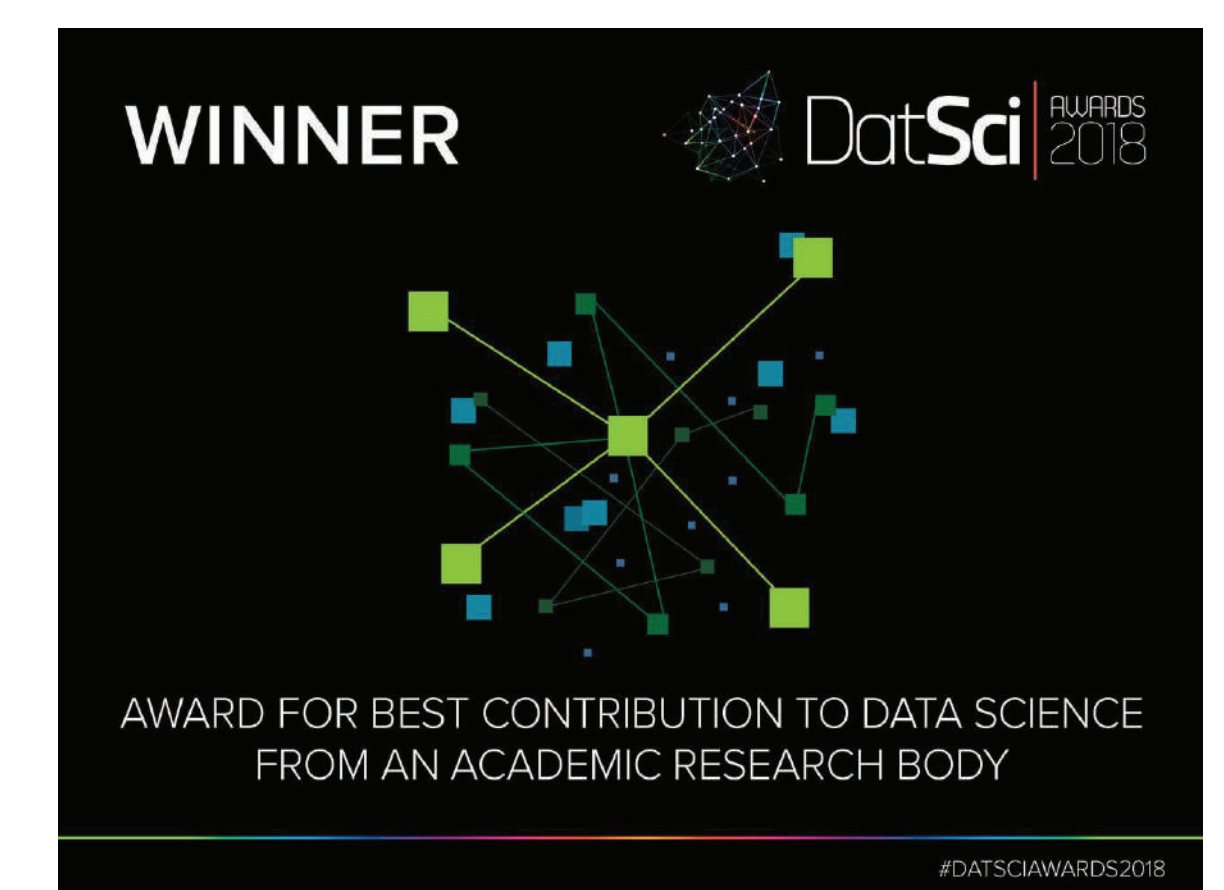
Inputs: Known social media hashtags, technology terms, websites, blogs, tech journals.

ADAPT Technology: ADAPT developed a machine-learning based solution capable of extracting known technologies, identifying emerging ones, associating related terms and classifying them into relevant semantic categories. By using sentiment prediction around the technologies, we can predict the trending and popularity of these.

Challenge

Automate the analysis of data from multiple sources while improving the speed and accuracy of identifying trends and new technologies. Reduce the cost and manual effort to produce insight reports.

Outputs: Interactive system to explore the data, ranking based on novelty, sentiment, co-occurrence and popularity.



Joining companies such as eBay and Google, Twitter now uses TensorFlow as its machine learning framework continues to be a fan favorite in the framework wars and it's no wonder

California, just came off of its most destructive wildfire season in history, inspiring two teens to create a device that uses an artificial intelligence program based on and trained with Google's open-source TensorFlow framework to capture and analyze images of woodland to figure out which areas are most at risk for fire

That's not the only good news for PyTorch users. An AI researcher also said that Facebook have been working on a prototype to get PyTorch support for Google's TPU chips, which currently optimise for TensorFlow models only.

Awards

Winner of the 'Best Contribution to Data Science from an Academic Research Body' Award, 2018.

Results and Benefits

- Improves and automates the discovery, curation and exploitation of data sources through an interactive and visual system
- Saves up to 20% manual work
- Provides 3:1 Return on Investment

Use Cases

Use AI to search across the web and internal systems (Salesforce, Jive, Oracle, Adobe, Trading Systems) for terms and concepts and discover trends and insights that are relevant to your business

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