

# Enron Email Analysis

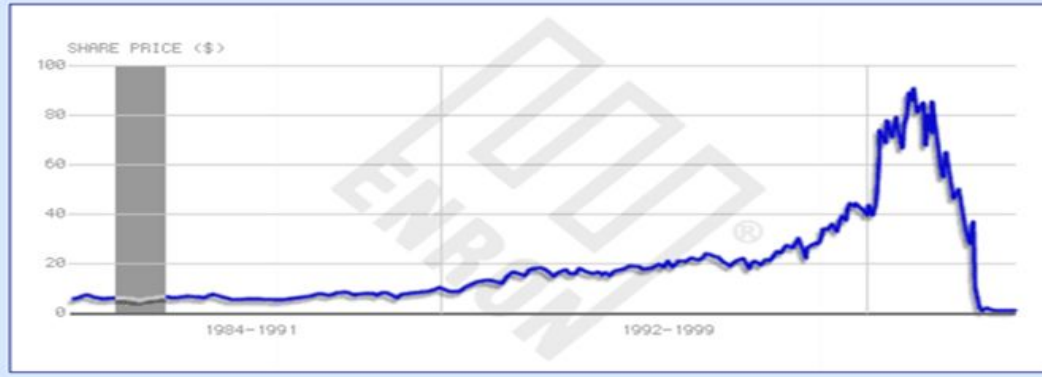
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# What happened?

- Enron was formed in July, 1985
- Enron scandal was revealed in October, 2001
- Enron declared bankruptcy in December 2, 2001
- Share Price decrease from \$90.75 to \$1 in about 4 months.

Enron's stock price, 1984-2001:



# Data and approach

- <https://www.cs.cmu.edu/~./enron/>
  - Dataset was collected and prepared by CATO
  - 500k+ email documents
  - Around 150 unique employees of Enron
- Approach
  - Data preprocessing
    - Map Reduce, Hadoop, Python, Regex, Shell
- Results
  - Network became highly grouped
  - Dispersed closer to the bankruptcy
  - [Network Visualizations in R](#)
  - [Github repo](#)

# References

- <http://www.kateto.net/polnet2015>
- [http://statnet.csde.washington.edu/workshops/SUNBELT/current/ndtv/ndtv\\_workshop.html](http://statnet.csde.washington.edu/workshops/SUNBELT/current/ndtv/ndtv_workshop.html)
- <http://www.amstat.org/publications/jse/v23n2/hardin.pdf>