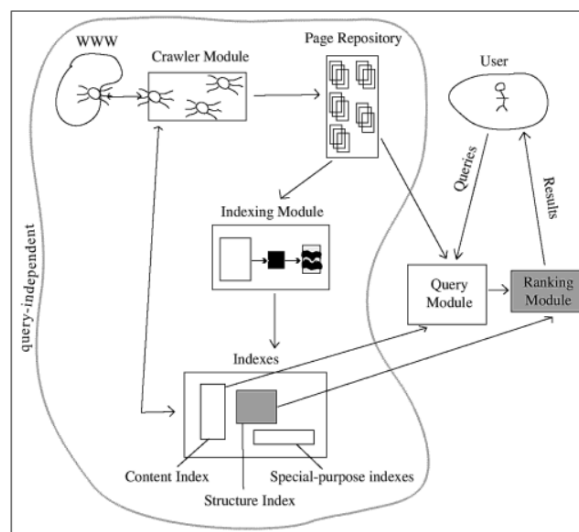


# Information Retrieval – Part 3

Deepak Kumar

## Web Information Retrieval



## Question Answering

### Apple Siri

Q. Where was Albert Einstein born?

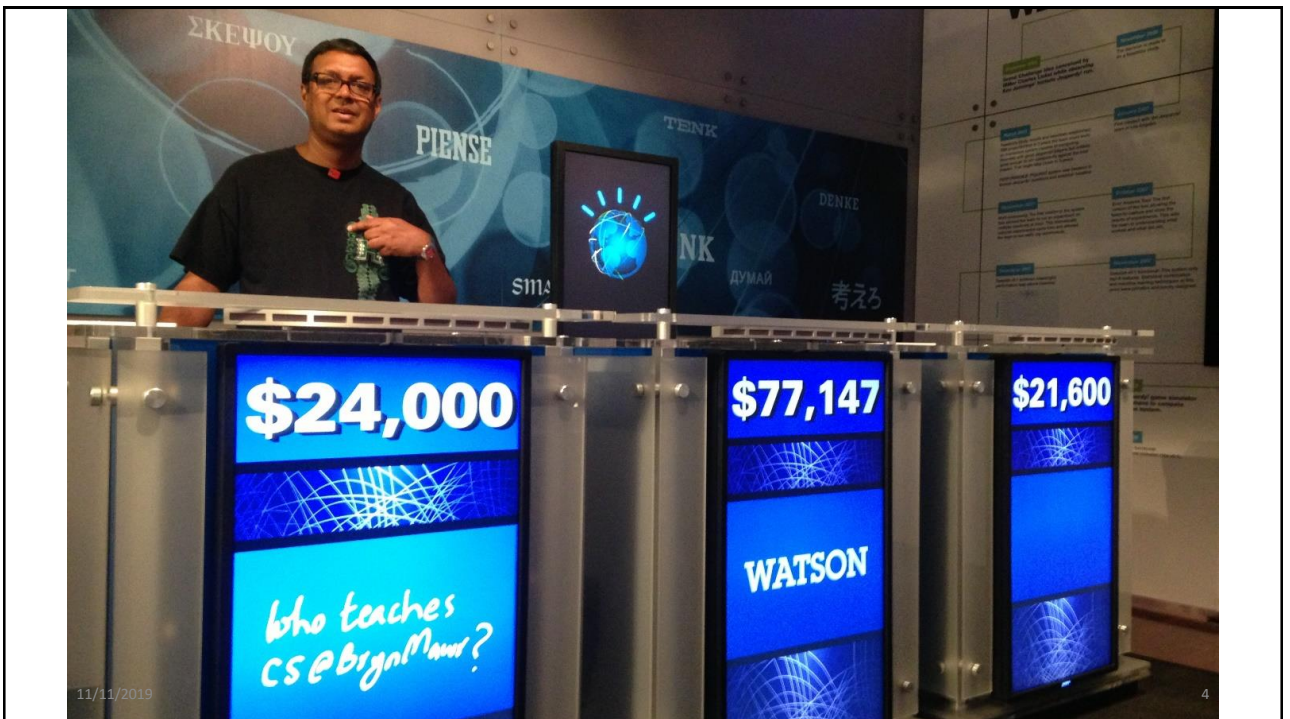
Q. Where was Barack Obama Born?

Q. Who are The Shinns?

Q. Who won the 49-ers game on Sunday?

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## DeepQA

**IN 2011 THIS COMPUTER  
WON THE JEOPARDY!  
CHALLENGE BY BEATING  
THE TWO LONGSTANDING  
CHAMPIONS.**

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## DeepQA

*What is Watson?*

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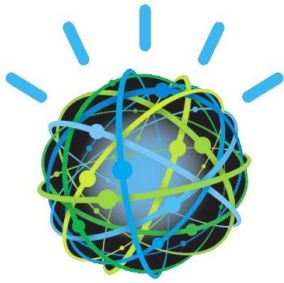
7

## Threshold and Confidence Scores

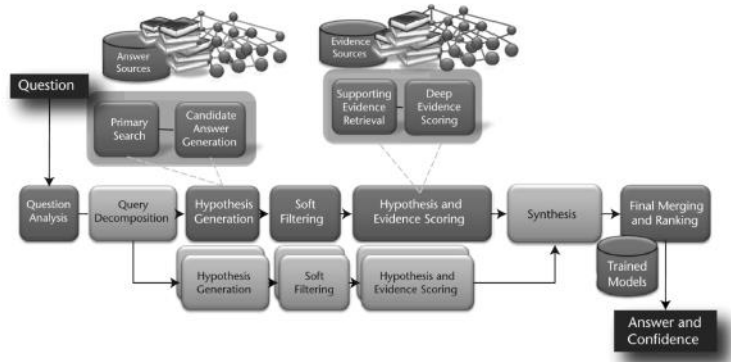


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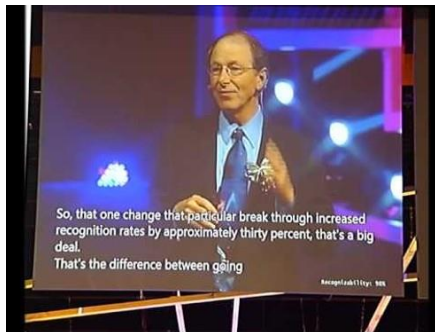


# Watson Architecture



[View David Ferrucci video](#)

# Speech Recognition/Generation



## BIG DATA

- Data intensive computing
- capture
- curation
- storage
- search
- sharing
- analysis
- visualization



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## BIG DATA

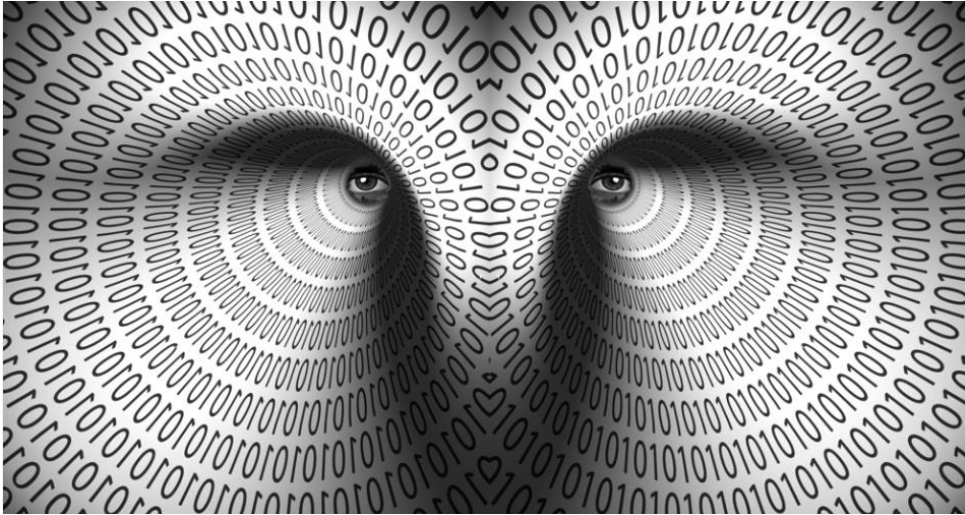


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## Next: Visualizing Data



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