



IBM Watson

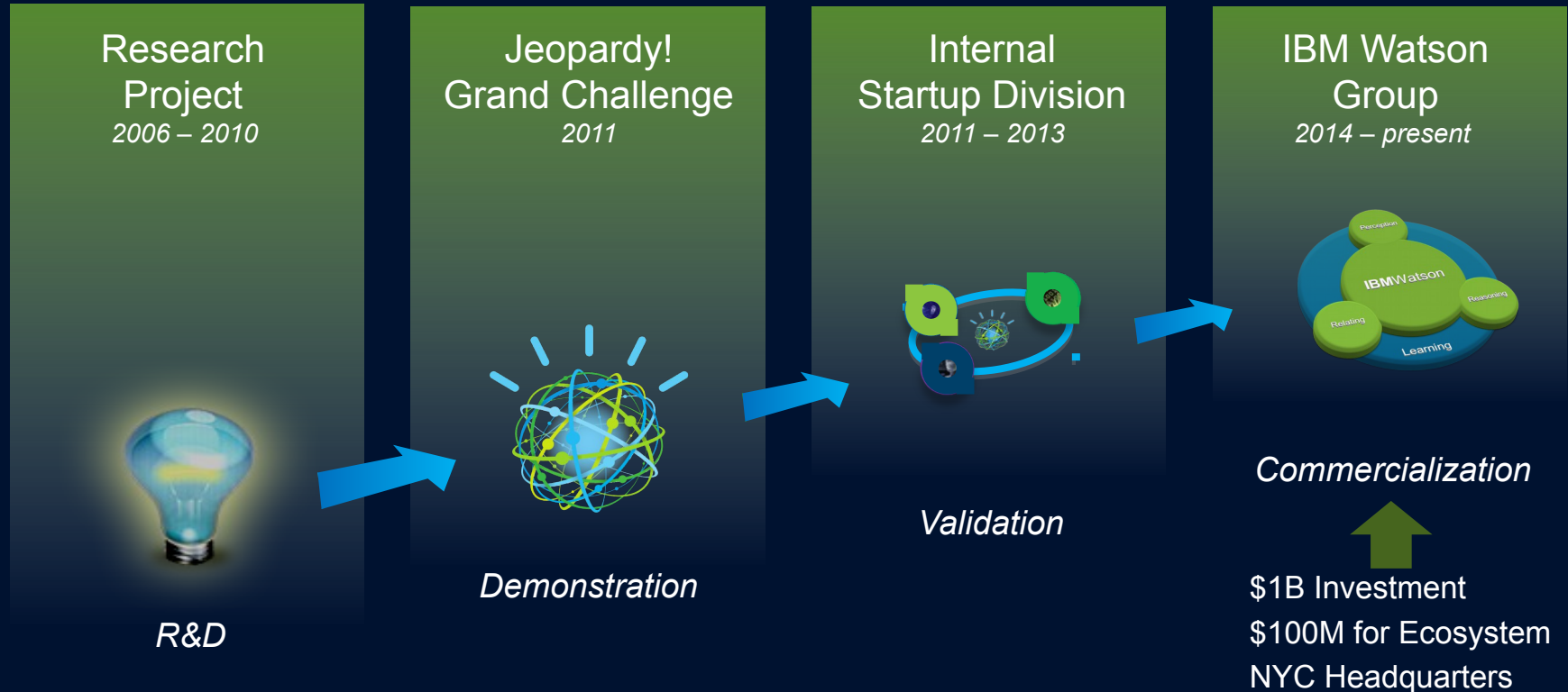
Watson Analytics

Finding answers and
predictions without
programming

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Watson has graduated from a startup to a full business



Beyond Simple Search & Key Words

Question

In May 1898 Portugal celebrated the 400th anniversary of this explorer's arrival in India



Supporting Evidence

In May, Gary arrived in India after he celebrated his anniversary in Portugal



Legend

- Keyword "Hit"
- Reference Text
- Answer
- Red Text** Weak evidence

This evidence suggests "Gary" is the answer BUT the system must learn that keyword matching may be weak relative to other types of evidence

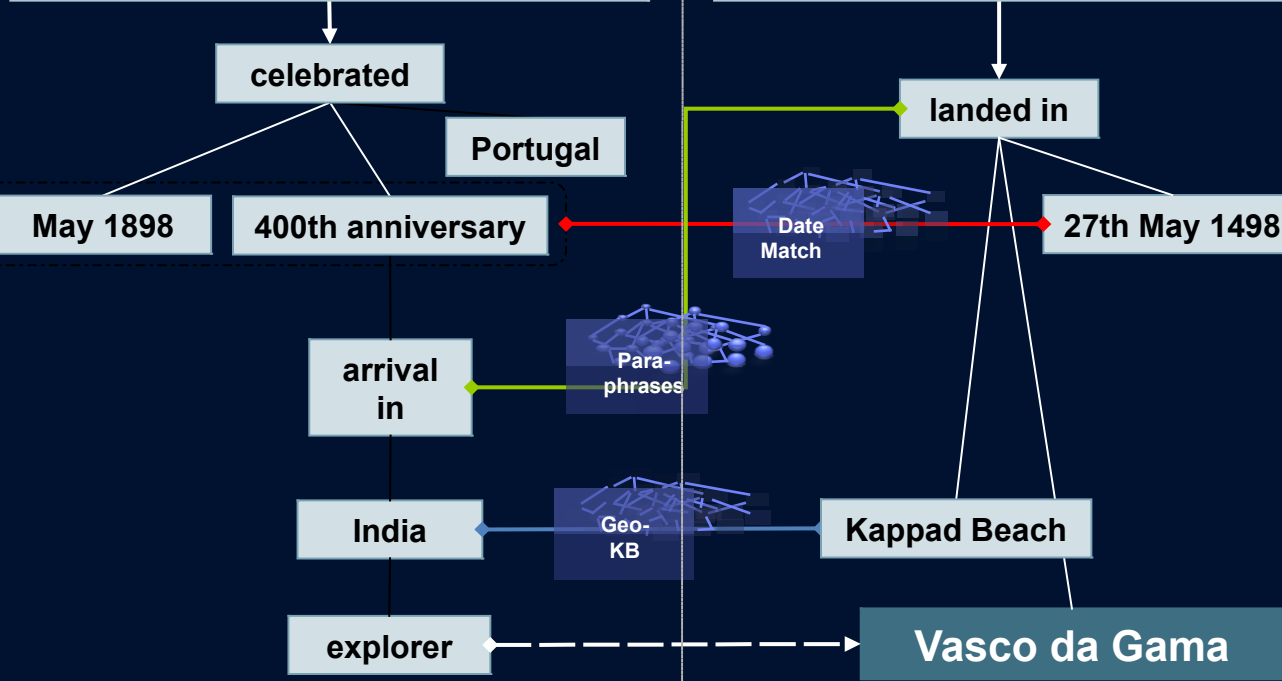
Importance of Deep Semantic Discovery

Question

Supporting Evidence

In May 1898 Portugal celebrated the 400th anniversary of this explorer's arrival in India

On the 27th of May 1498, Vasco da Gama landed in Kappad Beach



Legend

- ◆ Temporal Reasoning
- ◆ Statistical Paraphrasing
- ◆ GeoSpatial Reasoning
- Reference Text
- Answer

Stronger evidence can be much harder to find and score...

- Search far and wide
- Explore many hypotheses
- Find / judge evidence
- Many inference algorithms

Watson Analytics demo

<https://watson.analytics.ibmcloud.com>