"The future is already here – it is just not evenly distributed."

– William Gibson
What predictions have you made today?

- Were you correct?
- Do you make this prediction often?
- Are you usually correct?
- How did you learn to make the prediction?
PREDICTION is the process of filling in missing information.

Prediction takes information you have, often called “data,” and uses it to generate information you don’t have.

— Agrawal, Gans, anad Goldfarb
The “New Oil”?  

The more the Chinese company iFLYTEK’s AI is used, the more data it collects, the more it learns, and the better it becomes.

With 500 Million users, the AI is improving rapidly.

From Wikipedia

<table>
<thead>
<tr>
<th>Type</th>
<th>Public; State-owned enterprise</th>
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<tbody>
<tr>
<td>Traded as</td>
<td>SZSE: 002230</td>
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<tr>
<td>Industry</td>
<td>Information technology</td>
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<td>Founded</td>
<td>1999; 23 years ago</td>
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<td>Headquarters</td>
<td>Hefei, Anhui, China</td>
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<td>Area served</td>
<td>speech synthesis, speech recognition and natural language processing</td>
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<td>Website</td>
<td>iflytek.com</td>
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Will some companies have more data to train their AI than others?
- Will their data be intellectual property or trade secrets?
- Will data sources somehow be regulated or even patented?

- Will some countries become “data producers/suppliers”?
What kinds of data do you want?

How much?
The appearance of OPEC in 1961 was the first example of national sovereignty over natural resources …

- Will data become a national resource?
- Will there soon be an **ODEC**?
  - **Organization of the Data Exporting Countries**?
  - Or an **OAIEC**?
Will the data deluge get out of control?

Ordering Pizza with Big Data
Example of what good can be done

Music generation website AIVA

"Morgan" video trailer