

WHAT ARE THE SKILLS OF DATA SCIENTIST?

- critical thinking
- coding
- mathematics
- machine learning, deep learning
- communication
- data architecture
- risk analysis, process improvement, systems engineering
- problem solving
- dealing with structured and unstructured data

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Who can forget the suggestions about similar products on Amazon? They not only help you find relevant products from billions of products available with them, but also adds a lot to the user experience.

A lot of companies have fervidly used this engine / system to promote their products / suggestions in accordance with user's interest and relevance of information. Internet giants like Amazon, Twitter, Google Play, Netflix, LinkedIn, iamb and many more uses this system to improve user experience. The recommendations are made based on previous search results for a user.

4) Image Recognition:

You upload your image with friends on Facebook and you start getting suggestions to tag your friends. This automatic tag suggestion feature uses face recognition algorithm. Similarly, while using what Sapp web, you scan a barcode in your web browser using your mobile phone. In addition, Google provides you the option to search for images by uploading them. It uses image recognition and provides related search results.

5) Speech Recognition:

Some of the best example of speech recognition products is Google voice. Using speech recognition feature, even if you aren't in a position to type a message, your life wouldn't stop. Simply speak out the message and it will be converted to text.

However, at times, you would realize, speech recognition doesn't perform accurately.

6) Gaming:

EA Sports, Sony Nintendo, Activision Blizzard have led gaming experience to the next level using data science. Games are now designed using machine learning algorithms which improve / upgrade themselves as the player moves up to a higher level. In motion gaming also, your opponent (computer) analyses your previous moves and accordingly shapes up its game.

7) Price Comparison Websites:

At a basic level, these websites are being driven by lots and lots of data which is fetched using APIs and RSS Feeds.

If you have ever used these websites, you would know, the convenience of comparing the price of a product from multiple vendors at one place. PriceGrabber, PriceRunner, Jungle, Shopzilla, DealTime are some examples of price comparison websites. Now a days, price comparison website can be found in almost every domain such as technology, hospitality, automobiles, durables, apparels etc.

8) Airline Route Planning: