

Data Science Industry Overview

- Since data is one of the most important features in any organization, that makes Data Science **Universally Applicable**.
- Data Science allows **Business Leaders** take Fact Based Decisions using statistical based reasoning.
- All companies wanna make more money or spend less of it. DS allows to find insights or predict unknown facts that helps companies achieve their targets.
- Data Science is **NEVER GOING** anywhere.
- Basically every industry is hiring a data scientist but there are a few who are hiring more than any other.

Data Science in Technology Companies →

- Biotechnology
- Communication
- Financial Technology
- Web Search
- Digital Marketing & Advertising
- E-commerce

opportunities are abundant here!

Other Industries →

- Consumer Packaged Goods
- Gaming
- Manufacturing
- Hospitality Industry

- Healthcare
- Travel Companies
- Pharmaceutical
- Automotive
- Insurance

Basically, any industry that has customers, has data, wants to earn money or spend less money **NEEDS a DATA SCIENTIST.**

Q What Departments are Hiring?

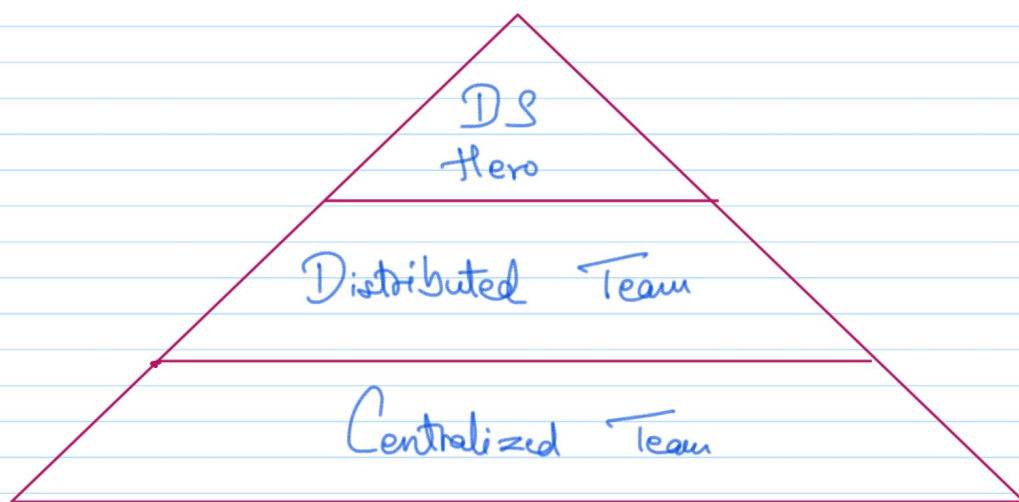
A Industry has various departments that require DS :-

- | | |
|-----------------------|----------------|
| → Human Resources | → Marketing |
| → Product Development | → Supply Chain |
| → Risk & Compliance | → Finance |
| → Customer Success | → Strategy |

Tip → When you are aware of different industries & different departments using data science, you can create Real-world experience for yourself by building a project around a similar challenge a Data Scientist in that industry faces.

If you are already a working professional & can gather data in your company, try building models around it, who knows if you can create a DS vacancy for yourself in your current company.

Organizational Structure of DS Teams!



Centralized Team →

This department is full of Data Scientists. Other departments will come to them & leverage their expertise. One will see a lot of other data scientists to communicate with. One can learn a LOT here. Downside is you will get less interaction on the business side.

Distributed Team →

There is a Data Scientist or small team of them in each individual department like Finance, HR, Sales etc.

This type of structure allows super close communication with business experts. You will get to learn about the business here. But you will be disconnected with other Data Scientists.

Data Science Hero →

Company will have only a couple of Data Scientist, sometimes only ONE! If you get such job offer, know that you must be knowing EVERYTHING!

Data Scientist have do a LOT of work on his own, so it gives much much experience as well as responsibilities.

Someone who loves challenges can opt for such role.

Typical less Mature Businesses has such openings.

Be prepared to do everything!