**Data Science  vs Data Analytics : Kiya Farq Hai?**

[October 3, 2023](https://codanics.com/data-science-vs-data-analytics/)[Dr. Aammar Tufail](https://codanics.com/author/codanics/)

Assalamualaikum dosto! Aap sab ne zaroor suna hoga terms jaise ‘Data Science’ aur ‘Data Analytics’, magar in dono mein asal mein kiya difference hai? Aaj hum isi topic par baat karenge aur samjhenge in dono terms ke similarities aur differences ko. Chaliye, start karte hain!

**1. Data Science: Aik Overview**

Data Science ek broad field hai jo kai tarah ki techniques, algorithms, aur systems ko use karta hai data se insights, knowledge, aur predictions nikalne ke liye. Think of it as a mashriqi bazaar jahan har kona mein kuch na kuch naya milta hai.

**2. Data Analytics: Aik Jhalak**

Data Analytics specifically focus karta hai data ko analyze karne par, patterns find out karne par, aur past performance par based hota hai future performance predict karne ke liye. Yeh woh step hai jahan aapko pata chalta hai ke aapka karobar kaise chal raha hai.

**3. Major Differences: Asli Farq**

* **Purpose**: Data Science ka main maqsad hai new questions identify karna aur big picture dekhna. Jabke Data Analytics ka focus hota hai specific questions answer karna.
* **Scope**: Data Science ek badi field hai jahan se aap insights, machine learning, predictions aur recommendations nikalte hain. Data Analytics zyada specific hai aur data ko deeply understand karne aur report karne ke liye hota hai.
* **Tools**: Dono fields mein tools overlap karte hain, lekin Data Science mein aapko advanced tools jaise machine learning libraries dekhne ko milenge. Data Analytics mein tools zyada focused hote hain visualization aur reporting par.

**4. Similarities: Jo Aam Baat Hai**

* **Data-Centric**: Dono fields data-centric hain. Matlab, dono ka main focus data par hota hai.
* **Decision Making**: Dono fields mein data ko use kiya jata hai behtareen decisions lene ke liye.
* **Tools Use**: Bohot saare tools jaise Python, R, SQL dono fields mein use hote hain.

**5. Aakhri Khayal: Sochne Wali Baat**

Agar hum asaan zaban mein kahein to, Data Science woh jungle hai jahan aap har taraf naye discoveries kar sakte hain, jabke Data Analytics woh guide hai jo aapko batata hai kaunsa rasta sahi hai aur kaunsa galat.

**6. Toh Kaunsa Behtar Hai?**

Dono fields apni jagah important hain. Agar aapko data se naye-naye questions aur solutions nikalne mein interest hai, to Data Science aapke liye hai. Agar aap data ko deeply samajhna chahte hain aur business decisions mein madad karna chahte hain, to Data Analytics aapka saathi hai.

**Aakhri Paigham:** Agar aap in fields mein career banana chahte hain, toh abhi se shuruat karen! Har field mein opportunities hain, aapko bas decide karna hai ke aap kis mein maharat hasil karna chahte hain.

Khuda Hafiz, aur milte hain next blog mein!