DATA SCIENCE CLUB

MEET & GREET

SEPTEMBER 27, 2024 | 04:15 PM

📍 CSE-SEMINAR HALL

Roadmap to Data Science

Networking

Q&A Session

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Data Science Applications Around Us

Cost of an Uber Ride

Base Price

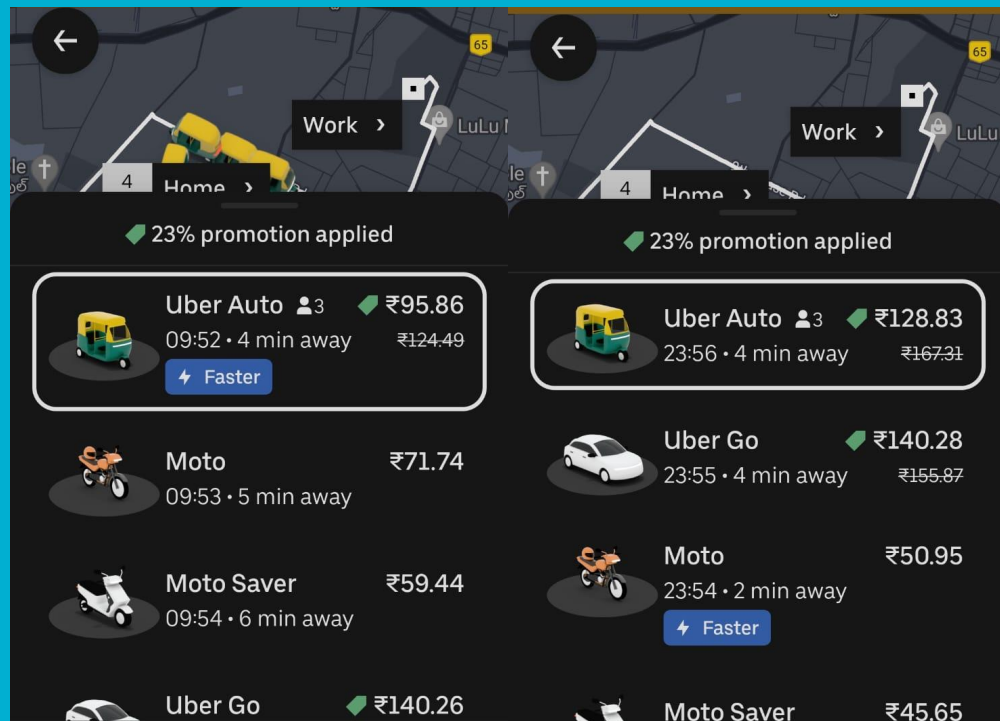(considering distance and fuel cost) +

User Rating +

Area Demand +

Time of Ride (Night/Morning) +

Weather (Rain / Cloudy / Sunny) +

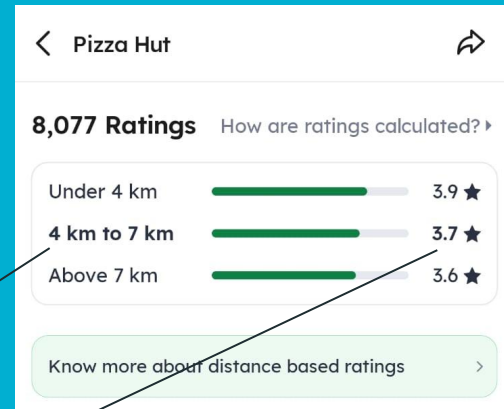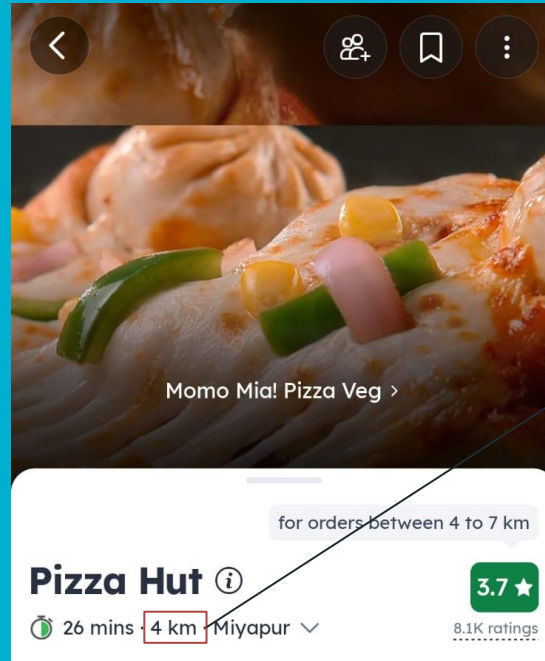Traffic Enroute +

Competitor pricing

09:45

23:45

Zomato - Distance Based ratings

Addresses a vital aspect of dining satisfaction — TEMPERATURE

Helping users understand the correct ratings based on customers' proximity

Result of good Data Analysis!

If we considered ratings without proximity: (3.9+3.7+3.6)/3 = **3.7**

Udemy - Personalised Learning Path

Helps you find the best content that meets your learning needs.

Ensures Learning paths & Smart Recommendations

Netflix - Recommendations

- **Collaborative Filtering** -

  User-User & Item-Item

- **Content-Based Filtering** -

  Analyzing the attributes of shows

- **Context-Aware Recommendations** -

  Location, Time, Device, Language
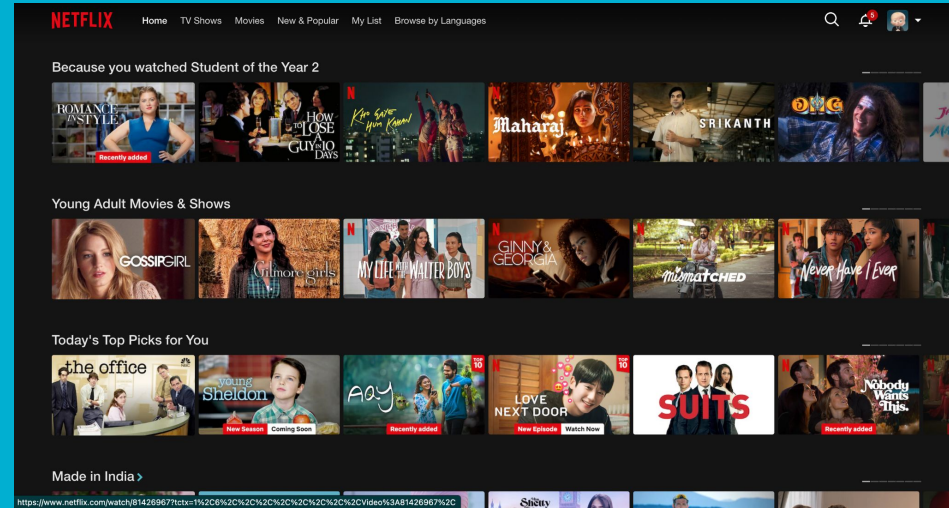
Youtube Music – Recommendations

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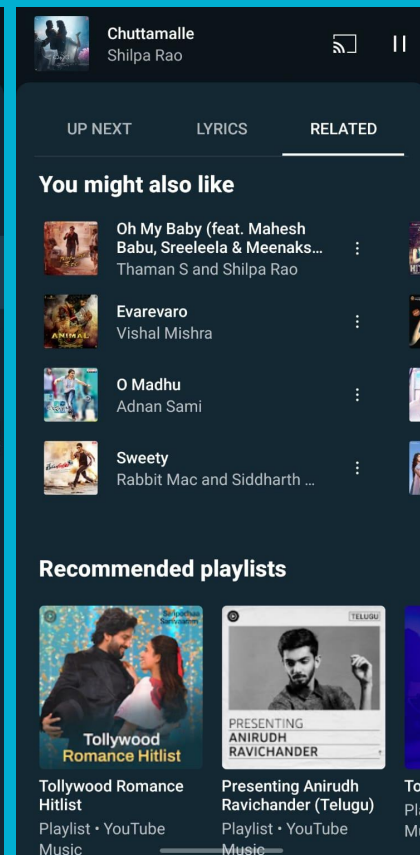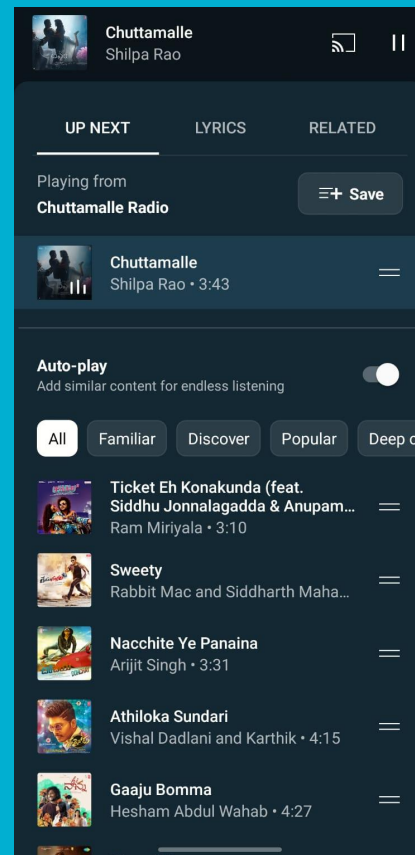
What is Data Science?

- Data science is an **interdisciplinary field** that uses statistics, algorithms, and machine learning to **extract knowledge and insights** from structured and unstructured data.
- In simpler terms, data science is about **obtaining, processing, and analyzing data** to gain insights for many purposes.

Kickstart your Data Science Journey!

How can you get started as a Fresher?

1. Python - Basic & DSA

2. Python - Numpy, Pandas, Data Visualization

3. SQL & Database Management System concepts

4. Mathematics of ML

   - Linear Algebra & Calculus (M1/M2)

   - Probability & Statistics (COSM/ASM)

How can you get started as a Fresher?

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5. Exploratory Data Analysis (EDA)

6. Machine Learning

7. **PROJECTS**

8. Deep Learning

9. Gen AI concepts

How can I apply for Data Science roles?

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Throughout the year, various renowned internship opportunities and hackathons are held. Some of the most notable ones include:

- Placements in our College
- Research Internships at top IITs and IIITs.
- Amazon ML Summer School & Amazon ML Challenge - Get a chance to interview as an Applied Scientist at Amazon
- Microsoft Research Internships
- and many more.

How you can join us & connect with us

DATA SCIENCE STUDENT CLUB-JNTUH
WhatsApp group

@DATASCIENCESTUDENTCLUBJNTUH