## <u>Lab 1</u>

	Darte 03.03.25
	LAB-1
-	Examples of any 5 datasets (explain) and write down the problem statement and its attributes
1.	Student Performance and Behavious datased
*	The dotaset involves key attributes necessary for exploring patterns, calculations and insights
- 430	selated to academic performance.
	Attributes: Sudentis, Frist name, Last name, Email, Gendes, Pge
	Department, Attendance, Midterm score, Final-score,
	Quizzes-avg, total-score, grade, internet-at home
	parent-education-level, Jamely-Income-level.
- Janes	and the second of his and the
2.	Notflix Interaction
¥	Netflix recommendation is based on a combination
*	of user behaviour analysis i.e. tracking watch
	bistory, browsing pattern, content based
	filtering. This tool allows users to group similar
	movies based on themes, latings and user
	The second secon
	interactions '
	Attributes: N-id, Title, maintrenery, sub Generes, Release year,
	N-10 pine, surviving, sur growns, coan gray
	maturity rating, original audia, Recommendations

3	Top spotegy songs in 73 countries
	the dataset presents the top songo currently trending for two over 73 countries. It
*	over time, analyse the relationship between song features, and predict the future popularity of songs.  Attribudes:
	spotify-id, nome, artists, daily-hank, daily- movement, weekly-movement, country; anaprhot-date, popularity, is-explicit.
4.	baily food and Nutrition Sataret
	This is designed for health-related machine learning models to analyze dietary patterns,
A	nutritional intake, and their impact on health Attributes: date, user-id, food-item, cotegory, calories, protein
	fat, carbahydratus, sugars, sodium, cholestical, meal-type, water intake.
	- production
	Bollywood Movies
	The default dotaset contains details of 1698 hindi language movies releated in India between in India
*	between in India between 2005 and 2017. Attributes:

	Poge &
	gener, phonocrise status, debut contributors (octors, directors, music directors) and
	financial metries (budget, revenue, no of screens, etc).
*	Libraries used
	pandas, kaborn
	& provide versely course to provide