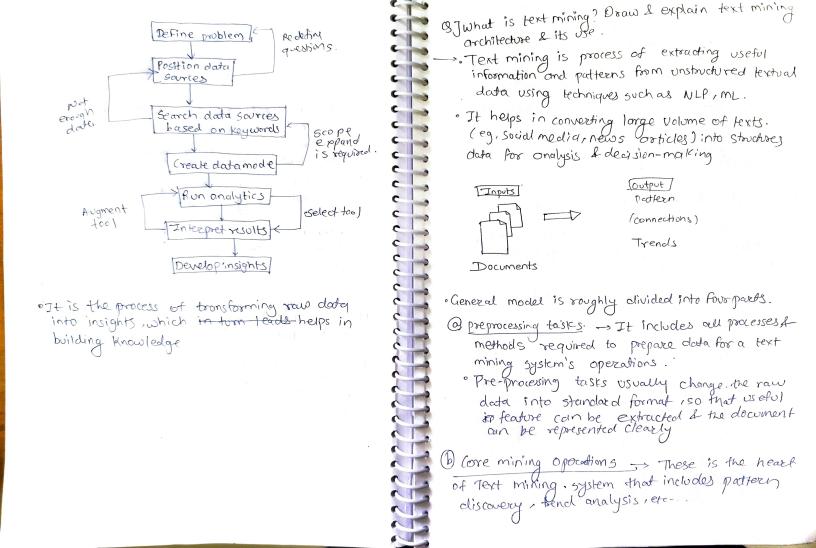
## UNIT-6 Big Data Technologies Application & Impact n@protikpubil @dypup.pimpri, pune

I what do you mean by social media analytics? Describe process of social media analytics.

- Social media Analytis refers to the process of Collecting & analysing data from Social media platforms like facebook, goods Instagram, Twitter. linkedin, etc.) to get useful insights.
  - organization or personal to get the useful insight about dater.
  - · Social media have two main sources of information and that are content (images, audios, feedbacks, product reviews, videos etc.) generated by users I the selationships between the entities of network (people, organization sproduct).
- · The social media are categorized into two types
- 1) Content based analytics
- 2) Stocture based analytics.
- In content based analytics analytics is performed on the content posted by the users on the social media platform. Such content is of high volume, noise, unstructured.
- 2) In Structure-based analytics the the Focus is on the structural aftributes of social network.



& Explain types of mobile analytics 3 Presentation Layer -> It includes Graphical user interface 4 pertern browsing of associess to → I Advertising Imarketing Analytics the guery language. It also have feature. to show results visually. -. This type of analytics is used to measure how well marketing Ladvertising compaigns ore performing for a mobile app. 6 Refinement Techniques -> It includes The " It helps promot developers 2 bisnessman to method that removes the redondant understand if the advertising is reaching to data and if any group is similar tran Fing right person who will chatall se app. makes the cluster: · Usually ads are snown from the platforms like Clogle ads, o facebook Ads, site add etc. eg - Of mobile company takes review from Anazon. · Developers set's the budget and then ads retucals . They dean the fext, bemove extra words, Shows their ads on the websites, apps or I find out what people are telling about Social media. · After onalysis · Advertising/ marketing analytis tracks data such as · most people like the battery & camera. · Number of people who saw the ad. · Some complains about price. · Number of people who clicked the ad · 70 1. of revious are positive. · Number of installs from ads. This holps company to improve in specificared. =11= registered or stignup
made purchase = 11 Shore the app. · This data helps in betwee ad campaigns

2) In-App Analytics	SJExplain by data use cases  1] Healthcore 2 medical research
In App analytics is used to track how user behave installed it.  It helps developers understand which parts of the app are being used the most & where users may face problem.  This analytics focuses on—  which screens by visited most often.  which features or buttons one used most,  How much time user spend in each section.  How user navigate through the manapp.  where user leaves the app.  It analyses which feature users like or ignore ignore.  So the app can be improved accordingly.  It is very useful for improving UZ or UX for making the app more easy to use.	If Healthcore 2 medical research  Goal: Improve patient care, disease prediction.  Application  1) Stores and analyzes massive records.  Distores and analyzes to care, heart problem a diabetes using historical data.  Juses weakable alevices to track health steads  Heal time monitoring is of Icupatientusing sensors  Jiracks a predicts outbreaks.  Jiracks a predicts outbreaks.  Jiracks a predicts outbreaks.  Jiracks student progress & predicts performance outcomes.  Jirack student progress & predicts performance.  Jiracks & predicts outbreaks.
	1) Track trending topics.

1) Smart Cities  1) Traffic I parking management using UPS R  Sensor data 2) Crime detection using CCTU I pattern recognition 5) Monitors pollution I energy usage	2] power of supplier  This refers to obility of supplier to control  prices or quelity of material  Thonly few suppliers or available, they can  charge more.
9] Explain in brief idata analytics life cycle.  9] Explain Michael Poster's Analytical tool.  Portex five forces model help analyze the competitive environment of an industry.  [] Competative Festery Jealousy:  This mean the level of competition between companies in the Sama market  The company often fights with ofter compenies who gives same service or same product	This is influence the customers have on pricing and quality  The buyers have many choices, they can ask for discount or better quality.  Buisness must listen to customers to fee more uplue.  Threat to substitutes:  New technology can replace existing one.  The better or cheaper product comes into the marker customer might switch.  Companies must keep updating linnovating their products.
o This results in gling offers, discount, better prices & commander advertising  eg ->) pepsins coco.colu  y smul v: Benz Mercedesa.	s) New @ Market Entrance:  New buisness can come in market and takeaway buisness.  If it is easy to start a new company in a field,  Competition becomes high.  Existing Companies must build Constoner trust.

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	( broth to off )
Porter's Value chain analysis	4] Marketing & Sales -> Activities that promotes & sell the product.
· Porter's value chain analysis to explain. how a company creates value through its internal activities.	5] <u>service</u> . → <u>Maintainance</u> .
The activities are majorly divided into two	Secondary activities -
types is primary & secondary activities.	1] procurement -> purchasing raw materials, tools.
Primary advities	2] Human Rejource management -> Hirring, training.
Inbound to operations outsound marketing services sales	3) Infrastructures -> Company's management, planninget.
Procusement Human resource management infrastrudure technological abundopment	4J Technology development -> Innovation, etc
Secondary activities.	9] Explain big data analytics challenges
a) Primary activities	- Data Volume
	2) Data variety.
1) Inbound logistics -> Involves receiving storings distributing raw makerials	3] Data Velocity.
J	4) Data Veracity.
2) Operations -> Att admitties process that transforms input into out put.	Dota Security & privacy
3 Toutbound logistics - Activities including storings	6] Data Integration, F) Cost & Intrastructure.