Week1		٠	٠		٠		٠
The Six Data Analysis Phase		٠	٠		٠		٠
1) Ask		٠	٠		٠		٠
- to define a acollem to be colved			•		*		
- to help focusing on the actual problem and avoid any distractions.	0						
- to make sure you fully understand the stakeholder's expectations.	. a				٠		
2) Prepare - what metrics to measure? - locate data in your database.							
- create security measures to protect that data (policy agreement)							
2.0.4.05		٠					
To clean up your data coet rid of possible errors, inaccuracies, an	id ii	n co ns	ister	rcies			
- to use spreadsheet functions to find incorrectly entered data.		1			٠		٠
- to use sol functions to check for extra spaces.	6		2		٠		٠
	5		3		٠		٠
4) Analyze	. •	- 4			٠		٠
- to perform calculations.							
- to combine data from multiple sources.							
-to create table with your results.							
s) share		٠	٠				٠
- to make more informed decisions via Graphs or Dashboards.							
- to share resuts with stakeholders.					٠		٠
6) Act 2			٠				٠
- to act on your dator					٠		
- to provide your stake holders with recommendations based on you	r fin	dry:	5.				
			٠		٠		
Outa Analysts typically work with these:		٠	٠		٠		٠
		٠	٠		٠		
1) Making Predictions		٠	٠		٠		٠
2 Gregorizing things - assigning items to categories		٠	٠		٠		٠
3 Spotting oth. unusual					•		
(4) Identifying themes - grouping them into broader themes (In a	Vsel	Jtud	y , e	kamp	lesof	them	62)
Discovering domections							
		٠					
© Anding Pullems							

cover longer time period short defined time

- Usually organized - wally arganized and analyzed in Databases and analyzed ih

* Needs to be broken into Smaller pieces in order to be organized & and lyzed effectively

Report vs. Dashboard

spread sheets.

- tepresents high-level historical data
- easy to design
- pre-cleaned & sorted data Cons
- Lack of continual maintenance
- no visual appealing
- Static

- Dynamic, Interactive - Nitable when shating
- information across many peoples promptly

- Labor-intensive design ca lat of effort)
- can lead to misunderstanding cifit's not well-designed)

Metric

• a single, quantifiable type of data that is used for measu tement.

Return on Investment (ROI) cost of an investment to the net profi over a period of time.

Week 3: Spread Sheets ANK QUESTIONS