De Explain Mean, Median, and Mode with a real-like example. Mean Average of Values Median. Middle value when the data is in ordered Joom. Mode: Most Sagrent Value
Example: ___ Monthly Salaries: [20K, 22K, 22K, 25K, 60k] Mean: 29.8K Median: 22k Mode: 22K 12. What is the difference between variance and Standard deviation? Ans. Variance: Average how for the datapoints from Standard deviation: Soyvare root of variance 13. Define Normal Distribution and give one practical A ben-Shaped symmetrie distribution where most real values lies. Use case: Modeling Student test scores DL. Explain Skewness and Kurtosis in Simple woods.
Ans. Skewness: Measure of asymmetric of data Cleft or
right Skewed Kurtosis: Shows the Measure of taildness.

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_45.	What is Bobability? Differentiate between Empirical
A	Brokerical Brobability with examples.
	Pasticular or unt 1.011
•	TOUR ON TOUR COMPLETE TO THE TOUR OF THE T
1 10	occused 2 days out of 10 -> 0.3
•	Theoretical Based on mathematical resoning.
7	cample: Parbability of need in a lo
44.74	Coin . 20.5
- R	
1-000	Explain independent & Dependent Events with one example each.
Ans	example each.
	Independent: one event does not effect other.
- 3	one event evert the other En
	Cabob Without officements.
Q7.	What is the intution of Bayes theorem in daily
_	(ile? Sayes Theorem in daily
Ans.	Bayes theorem underter the mit live
	Baye's theorem upolates the probability when you have new evidence
	Example: - If you here someone could be
	Baye's theorem helps update the probability,
Ac	
28.	
Ans.	DI CONTON TO P DA CONTON TO
	Siderico
	Elgenvector of special vector whose dispetion does
	Change Unclex C. Traveloring
	Chine (carrid (PCA), Cigenvectors give
	main directions of data, eigenvalues Show their importance.
	incommunity.