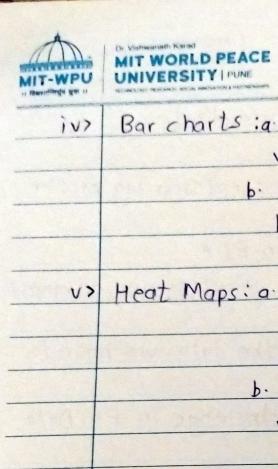
। विकशास्तिर्धृतं श्रुवा ।।	TECHNOLY AND INDUSTRIAL AND SECULAR CONTRACTOR & CONTRACTOR OF THE SECULAR SEC
Q2·a·	Explain any four challenges in data visualization
A2. q.	Challenges are:
17	Diversity & heterogenity in big data creates a big problem
	while visualizing data
cii >	Analysis speed is most challenging in BDA.
iii>	14. 0.1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	GUT is a real challenge
iv>	Data is unstructured, to visualize the data, we have to
	use metadata
VZ	Providing huge parallelization is a challenge in Big Data
	Visualization
viz	High complexity & dimensionality due to huge amount of data.
Q2.b.	Analyze Big Data Visualization methods
A2.ba	Big Data Visualization methods
17	Symbol Maps: Symbols on such maps ditter in size,
	which makes them easy to compare
ìi7	Line Charts: a Line charts allow looking at the behaviour
	of one or several variables over time and
	identifying the trends.
	b. Gives shape to the change taking place, and
	can be used to show the volatility
1117	Pie charts: a. It shows the components of the whole.
	b. The difference lies in the sources from
	which these companies take row data.
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iv>	Barcharts: a Barcharts allow comparing the
	Values of (III) First
	L. Companies can analyze their sais
and the second s	by category, costs etc.
V>	Heat Maps: a. A heat map is a data viz- method
	showing relationship between zing
	and rating information
	b. Vorying colours are used to snow
	ratings.
	in a later how
vi>	Word Cloud: a. A word obud demonstrates how
	frequently a word appears in a block
	of text by connecting size with
	b. Bigger the word in the cloud, the
	more larger times it appears in the
	text.