	* Powers Assignment 1.+
	E SIGNIFULL
Q1]	lithat de you wear by BI? Explain.
-	BI, Business Intellegence is an umbrighta term that
	indicates the application intrastructure and took and
	best pratices that enables access to and analysis
	of information to improve optimize decision and
1991	performance.
A	BI is a tendogy driver process for analyzing data
	and presenting adianable injournation to help composate
	executive business manager and other end wars make
13.73	more informed business decision
*	BI is the set of technique and tools for the transformation
	of Haw data into meaningful and useful information
100	for business analysis purpose
	BI supresents the took system and software that play
	a key rule in the strategic planning process of
10	Conton of our
	Bt also used in use of computing launguage
	technologies for the identification discovery and anarysis
- 4	of business data like Sales revenue, products,
	of business clota like saws somethe, products,
5000	costs and incomes
-	BT combines business analytics data mining data
	visulization data tools and infrasture and the best
	prafisa to help organisations make more data driven
	dousion.

(c)	How power BI helps in BI, and how does
2-7	it halos is a light of barden
->	it helps in analytics ? Emplain.
J. (m)	Pouver BT is a business intelligence platform
	that provides non-technical business usors with
	tools for aggregating analyzing, visualing and
	Sharing data.
	Pamer BI is a business analysis solution that lots
	you visulize your data and share insights across
W. 194	your organization, or embed them in your appror
day,	& website.
*	Paver BI also pravides interactive visuals with sey
	business intelligence capabilities, when end users can
	create supports and dashboards by thenseiter.
→	Pouveu BI enables anyone to insualize and analyze
	data with great spood efficiency and underestanding
11/2	It connects upons to a broad range of live data
	therough build in dashboards, provides interactive
	supports and enables you to areale visulizations with ea
	Power BI brings the predictive power of advance
No. of the last	analytices to allow to oreste predictive models
	Juon there data.
Ye.	Some of the most common uses for the platform
	includes Greating reports and dash boards that
	present data sets in multiple ways using
	visuals

Q3].	Emplain Descriptive Analytics?
-)	Descriptive analytics is the process of parising
17.00	historical data to better underestand the charges that
	have occurred in a business
¥	Using a stange of historic data and banch marking
	decision makers obtain a holistic view of performing
	and trends an which to base business strategy.
×	Descriptive anaytics takes now data and paresses
1	that data to draw conclusion that are useful
	and understandble by manager, investors or stakeholder
+	Descriptive anaytics uses a full range of data to
The state of	give an accurate pitchure of what has happen
	in business and how that differs from comparable
HEATING E.	periodo.
	The two main methods of descriptive analytics
	no itageregge dista is collected for data aggregation
- Un- "F	and data mining Before data can be made sense
41	of it must first be gothered and then parsed
da	into managable information.
4	Descriptive Analysis is especially useful for
	communication change over time and uses trands
	as a spring board for juture analysis to
	douver decision making.

	94	Explain Predictive Analytics?
	>	Predictive analytics is a journ of technology
		that makes prediction about certain unknowns
		in the Juture. It draws on a series of technique
		to make these determination, including data mining,
		artificial Intelligence machine learning, modeling and
		stastistics.
	+	Predictive analysis is use of data to predict
		Juliure trends and events it uses historical data
		to Jordant potential scenarios that can help
	-	derive strategic decision.
	*	Predictive analysis on be conducted manually on
	the page	using machine loakning algorithms. Either way
		historical data is used to make assumptions about
		Juture.
	*	Predictive analysis models capture relationships
_	a)(n	among many factors to assess rick with particular
_		set et condition to assign a scarce au weightage
	4	The data mining and tent analytics along with
_		Statitics allows the business uports to create prodictive
	dry	Pritellengence by uncovering patters and relationships
_		is both structured and unstructured data
	*	Predoctive analytics allows organization to become
		proactive forward looking articipating outcomes
		and behaviour based upon the data and not on
		a hunch or assumptions

(25)	til Explain Prescriptive Analysis?
->	Prescriptive analysis in a type of data analytics that
	altempts to answer the question what do we need to
	allieure ha thus
*	It involves the use of technology to help business
	make better down through analysis of naw data
*	Prescriptive analytics specifically Jactors information
	about possible situation on scenarious, available
3 4 8 11	resources, past performance and current performance
	and suggest a course of action or strategy.
*	Machine learning algorithm are often used in prescripti
l la la la la	analysis to phorase thorough large amounts of data
	faster and often more efficiently that humans can thing
	"y and else statement algorithm comb through data and
1	make recommendation based on specific combination
	of requirement
P	Prescriptive analytics gathers data from a variety of
1210	both descriptive and predictive sources for its models
Also	and applies them to process decision-making.
	Moreover, it can measure the repercussion of decision
003	making based on different possible juture scenario.
*	Most modern BI tools have build in prescriptive
	analytics to provide usons with actionable results
141	that empower them to make better decisions.
77	
	6 Au 0 AG

(96)	Mrite five real-life questions that power bi can
_>	The state of the second of the
3	Product Sales Data: These business Keeps details
	records of their sales for
	variety of reasons. In this
- 4	dashboard can be leverage
	Power BI Visulization types such as
	Pie chart Bar hards, Doughnut charts
	Funnel thoust etc.
2].	Financial performance: - For summary page you can use
	Furnal Charb, Ombo charts Waterfall char
500 - 65	Foy income statement you can you use
N/A	cardo combo charts
100	For balance sheet you can use lands
2	and Tables.
3].	Healthcare Sales: For data visulizations you night use
(10)	Tables for displaying the therapeutices
	group wise sales, Cobon Charts
7	Jor monthy Jales -
4)	Loan Applications: - For evaluation loan application
	data on to find abstract, its can
	be implament using Power BI
	Word doud feature, Pie hart on
	basic Map Box charts, Charts
	con be used.

-		
5).	Moure sales Visulization	:- This visulization shows
		movie sales over fine and tur
		It into an interactive oisual
		exportiona.
		graph and average rating for
	'	specific genore and distrubution
		jou given time.
		0 0