Classmate

Name: Tejas Redkar PRN: 1032210937 Panel: C, Batch- C2 ROIINO: PC-44 DEC Lab Assignment -5 Puroblem Statement ETL using Tableau/Statistica/ Power BI \* Objectives: · The ability to visually analyze data & gain valuable inuights · Aims to simplify the process of data - exploration by providing a user-friendly interface that allows users to interact with data in real-time · To Enables uses to create data visualizations dashboards & viepouts. Input: · Mysal database - dump sql · indian wime cav \* Output Data analysis verpovets.

Platform: Windows

Conclusion

In conclusion, Tableau, Statistica & Power BI

are power ful tools that whereamline the ETL

purocess & enable organizations to extract,

thransform, load, & analyze data efficiently.

With their user- friendly interfaces, integration

capabilities, automation features, & vrobust

data visualization aptions, these tools empower

users to derive valuable insights from large

valuages of data. Incomparating Tableau,

Statistica, our Power BT into an organization is

Eth work flow can usigni ficantly enhance data

analysis & decision-making pirocess.

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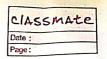
Differentiale between Tableau & Power BI

Ans Tableau

- i) Ease of use: Known for its intuitive drag- and-drop
  - · Suitable your both technical & nontechnical uports.
- 2) Data Connectivity: Offers a variety of data

  Connections & integrations





	_3)	Visualization Capabilities: · Sturong emphasis on
		advanced & interactive
	-	Visualizations
		· Extensive Cuatomization
		options your visual elements.
	4)	Deplayment: . supposets on-premises & cloud
	7	deployment. Supposes on- poermises a crous
	5)	deployment language language
_		Learning Curve: Might have a wheeper learning curve
		you certain advanced features.
		0 07
		Power BI:
		S = 1 Complete Googless II
		1) Integration with Microsoft Stack: · Seamlessly
		integrates with
		Other Microsoft
	j. 1	peroducts.
	]	2) Data Turansylvemation: Robust ETL (Exteract, Turansylvem
		Load) capabilities.
		There is a second of the secon
		3) Cattatouration: · Storong collabouration yeatures with
	4	integration into Microsoft teams
1 1		- mid remain the trade of the second of the
i	Y	4) Puicing: Often considered move cost-effective,
-	$\parallel$	especially for organizations already
	4.	using Microsoft products.
	1 -	E for the second of the contract of the contract of
		5) Natural Query Language: Features O&A allow users
		to ask questions in natural
		language.



6) Locarning ance: · Generally considered userfriendly with a shouter leaving

## Common Features:

- 1) Data Connectivity: · Both couppourt a wide vrange
- 2) Doch boards: Offer interactive & customizable dashboards.
- 3) Mobile Supposet :. Parovide mobile acress you analytics on the go
- 4) Security: . Include socurity yeatures you data prosection
- 5) Community & supposed: Have active used Communities & exuppount
- 6) Updates & Improvements: Regularly updated with new yeatweas & imperove ments

(2) What is the purpose of Tableau dashboard Ans The purpose of a Tobleau dashboard is to visually proporesent & analyze complex data sets, enabling users to gain actionable insights at a glance. It facilitates interactive exploration, making dataduriven decisions acceptible to both technical & non - technical upovers.