Which hands-on BI tool is best in different situations?

Results of the "Clash of the Titans" session on March 8th 2018, organized by UC data, BVI Data Rebels and Advanced Programs.

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License costs	PBI	PBI	PBI	PBI	Watch out! Can result in high Azure cost when applying PBI
License costs for a Pilot project	PBI	PBI	PBI	PBI	
Available online resources	Tableau	Tableau	n.a.	Tableau	
Ease of use	Tableau	Tableau	n.a.	Tableau	
User support	Tableau	Tableau	n.a.	Tableau	
Custom visuals	PBI	PBI	PBI	PBI	PowerBI store. Watch out: varying quality, en sometimes breaks with updates.
Custom queries	Tableau	Tableau	n.a.	n.a.	PBI uses DAX instead of the SQL standard.
# Data points in a Viz	Tableau	Tableau	Tableau	Tableau	
Enterprise deployment options	Draw	Draw	Draw	Draw	PBI updates are a source of frustration. Futhermore PBI is not deployed for the Mac.
Calculated fields	Tableau	Tableau	Tableau	Tableau	PBI runs against memory limits fast, limiting the amount of rows/calculations.
Enterprise Integration	Draw	Draw	Draw	Draw	Slight preference for PBI in Microsoft environments. Sleight preference for Tableau in non-Microsoft environments.
Efficiency of Ad-Hoc Analysis	Tableau	Tableau	n.a.	Tableau	
Data source configuration	Tableau	Tableau	n.a.	n.a.	
Natural Language Querying	n.a.	n.a.	PBI	PBI	
Scrolling in big tables	Tableau	Tableau	Tableau	Tableau	
Export to CSV	Tableau	Tableau	Tableau	Tableau	PBI limits to 30.000 rows
Data preperation (shaping)	Draw	Draw	n.a.	n.a.	Both tools are not really suitable for this.
Level of Detail (subqueries)	Tableau	Tableau	n.a.	Tableau	
Data from API's / websites	PBI	PBI	n.a.	n.a.	
Row-level authorization	Tableau	Tableau	Tableau	Tableau	In PBI the authorization models needs to be designed seperatly for each workbook.
Collaboration	Draw	Draw	n.a.	Draw	
Certified data sources and calculations	Tableau	Tableau	n.a.	Tableau	
Data alerts	n.a.	n.a.	Draw	Draw	

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