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	Titolo	Pro DAX and Data Modeling in Power BI : Creating the Perfect Semantic Layer to Drive Your Dashboard Analytics / / by Adam Aspin
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	ISBN	1-4842-8995-1
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (475 pages)
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	Soggetti	Dashboards (Management information systems) Business intelligence - Computer programs Information visualization - Computer programs Visual analytics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	1. Using Power BI Desktop to Create a Data Model -- 2. Extending The Data Model -- 3. The Semantic Layer -- 4. Calculated Columns -- 5. Calculating Across Tables -- 6. DAX Logical Functions -- 7. Date and Time Calculations in Columns -- 8. Introduction to Measures -- 9. Filtering Measures -- 10. CALCULATE() Modifiers -- 11. The Filter() Function -- 12. Iterators -- 13. Creating and Applying a Date Dimension -- 14. Time Intelligence -- 15. DAX Variables -- 16. Table Functions -- 17. Extending the Data Model -- 18. Evaluation Context -- Appendix A: Sample Data.
	Sommario/riassunto	Develop powerful data models that bind data from disparate sources into a coherent whole. Then extend your data models using DAX–the query language that underpins Power BI–to create reusable measures to deliver finely-crafted custom calculations in your dashboards. This book starts off teaching you how to define and enhance the core structures of your data model to make it a true semantic layer that transforms complex data into familiar business terms. You'll learn how to create calculated columns to solve basic analytical challenges. Then you'll move up to mastering DAX measures to finely slice and dice your data. The book also shows how to handle temporal analysis in Power BI using a Date dimension. You will see how DAX Time Intelligence

functions can simplify your analysis of data over time. Finally, the book shows how to extend DAX to filter and calculate datasets and develop DAX table functions and variables to handle complex queries. What You Will Learn Create clear and efficient data models that support in-depth analytics Define core attributes such as data types and standardized formatting consistently throughout a data model Define cross-filtering settings to enhance the data model Make use of DAX to create calculated columns and custom tables Extend your data model with custom calculations and reusable measures using DAX Perform time-based analysis using a Date dimension and Time Intelligence functions.