Analyzing Data in Excel

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Module Goals

What is analysis?

Why analyze data?

How to analyze data

Where to find more

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What Is Analysis?

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Analysis is the process of iterating through questions using data to uncover insights.

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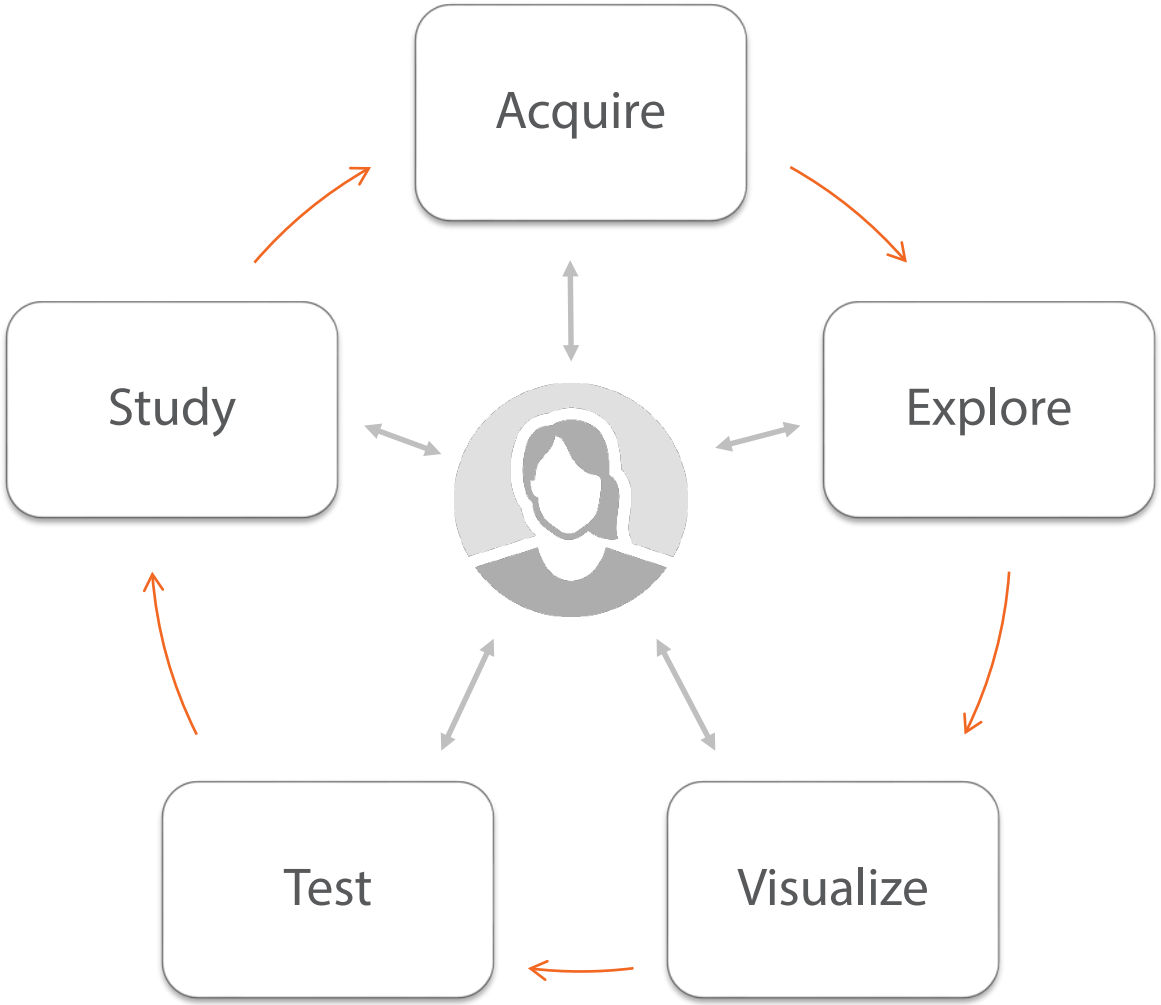
Analytics Cycle



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Why Analyze Data?

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Excel provides incredible analytics capabilities without any coding necessary at an economical price.

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Analysis Tool Comparison

	Excel	SQL Server BI	Tableau	R	Micro Strategy
Ease of Use	**7**	4	8	2	2
Data Modeling	4	**7**	7	5	**9**
Charting	5	4	**9**	6	6
Statistical Modeling	4	5	6	**10**	5
Delivery Options	6	5	7	5	7
	26	**25**	**37**	**28**	**29**

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How It Works

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Cogsley Services Inc.

Sales by industry/sector

Avg. days to complete by manager

Hourly wage to bill rate ratio

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Demo: Pivot Tables

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Demo: Pivot Charts

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Demo: Going Interactive

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Where to Find More

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Additional Resources

http://smarterer.com/tests/excel

http://smarterer.com/tests/analytics

http://www.pluralsight.com/courses/excel-analytics-superhub

http://www.pluralsight.com/courses/pragmatic-self-service-bi-powerpivot-excel

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