

Introduction to Power Pivot

POWER PIVOT IN EXCEL



Nick Edwards
Analyst at Roofstock

Your instructor



- 7+ years in FinTech
- Former Trader at Rocket Mortgage
- Managed and traded billions of dollars worth of real estate assets
- Check out my other courses on DataCamp!

"Harnessing the power of data analytics will empower you to make better choices."

Nick Edwards, Analyst at Roofstock

Course overview



- Power Pivot in Excel
- Prerequisites
 - Data Preparation in Excel
 - Introduction to Power Query in Excel

What is Power Pivot?



- Excel add-in
- Analytical tool used to:
 - Create models
 - Perform calculations
 - Generate interactive reports

Is Power Pivot the right tool?



vs



vs



Is Power Pivot the right tool?

	Pivot Tables	Power Pivot	Power BI
Application			
Data Sources			
Data Storage Limits			
Data Transformation?			
DAX			
Complexity			

Is Power Pivot the right tool?

	Pivot Tables	Power Pivot	Power BI
Application			
Data Sources	One	Many	Many
Data Storage Limits			
Data Transformation?			
DAX			
Complexity			

Is Power Pivot the right tool?

	Pivot Tables	Power Pivot	Power BI
Application			
Data Sources	One	Many	Many
Data Storage Limits	One data range	4GB (2GB/source)	10GB+
Data Transformation?			
DAX			
Complexity			

Is Power Pivot the right tool?

	Pivot Tables	Power Pivot	Power BI
Application			
Data Sources	One	Many	Many
Data Storage Limits	One data range	4GB (2GB/source)	10GB+
Data Transformation?	X	X	✓
DAX			
Complexity			

Power Query + Power Pivot = Powerful!



Is Power Pivot the right tool?

	Pivot Tables	Power Pivot	Power BI
Application			
Data Sources	One	Many	Many
Data Storage Limits	One data range	4GB (2GB/source)	10GB+
Data Transformation?	✗	✗	✓
DAX	✗	✓	✓
Complexity			

Is Power Pivot the right tool?

	Pivot Tables	Power Pivot	Power BI
Application			
Data Sources	One	Many	Many
Data Storage Limits	One data range	4GB (2GB/source)	10GB+
Data Transformation?	✗	✗	✓
DAX	✗	✓	✓
Complexity	Low	Medium	High

Exploratory data analysis

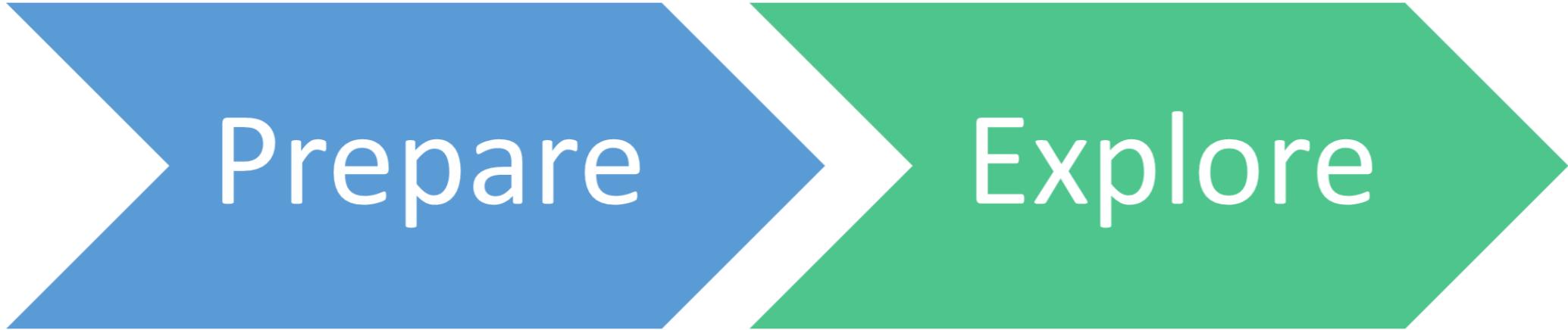
The process of understanding data and extracting insights from it.



Prepare

Exploratory data analysis

The process of understanding data and extracting insights from it.



Prepare

Explore

Exploratory data analysis

The process of understanding data and extracting insights from it.



Prepare

Explore

Analyze

Welcome to Pivotal!

- Your role:
 - A consultant for Pivotal Mortgage
 - Analyze mortgage sales in 2021



Let's practice!

POWER PIVOT IN EXCEL

Getting started in Power Pivot

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Analyst at Roofstock

Let's practice!

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