

# Introduction to Power Pivot

POWER PIVOT IN EXCEL



**Nick Edwards**  
Analyst at Roofstock

# Your instructor



**Nick Edwards, Analyst at Roofstock**

- 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."

# 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			






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Data Transformation?			
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?	<b>X</b>	<b>X</b>	✓
DAX	<b>X</b>	✓	✓
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?	<b>X</b>	<b>X</b>	✓
DAX	<b>X</b>	✓	✓
Complexity	Low	Medium	High

# Exploratory data analysis

The process of understanding data and extracting insights from it.



Prepare

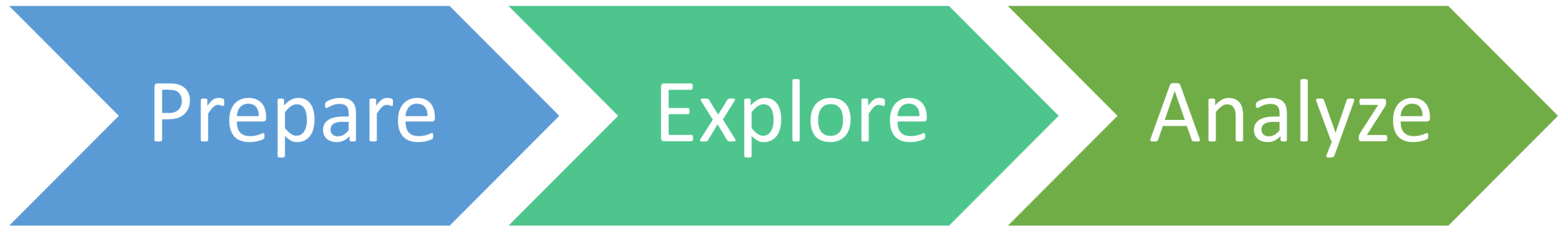
# Exploratory data analysis

The process of understanding data and extracting insights from it.



# Exploratory data analysis

The process of understanding data and extracting insights from it.



# 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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# Let's practice!

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