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AI Builder Jump Start!

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- Independent Publisher Connector Project Coordinator & Publisher
- Passionate and enthusiastic developer heart and soul
- +18 years of experience in SharePoint
- +5 year of experience Power Platform + Logic Apps

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@ahmadn82

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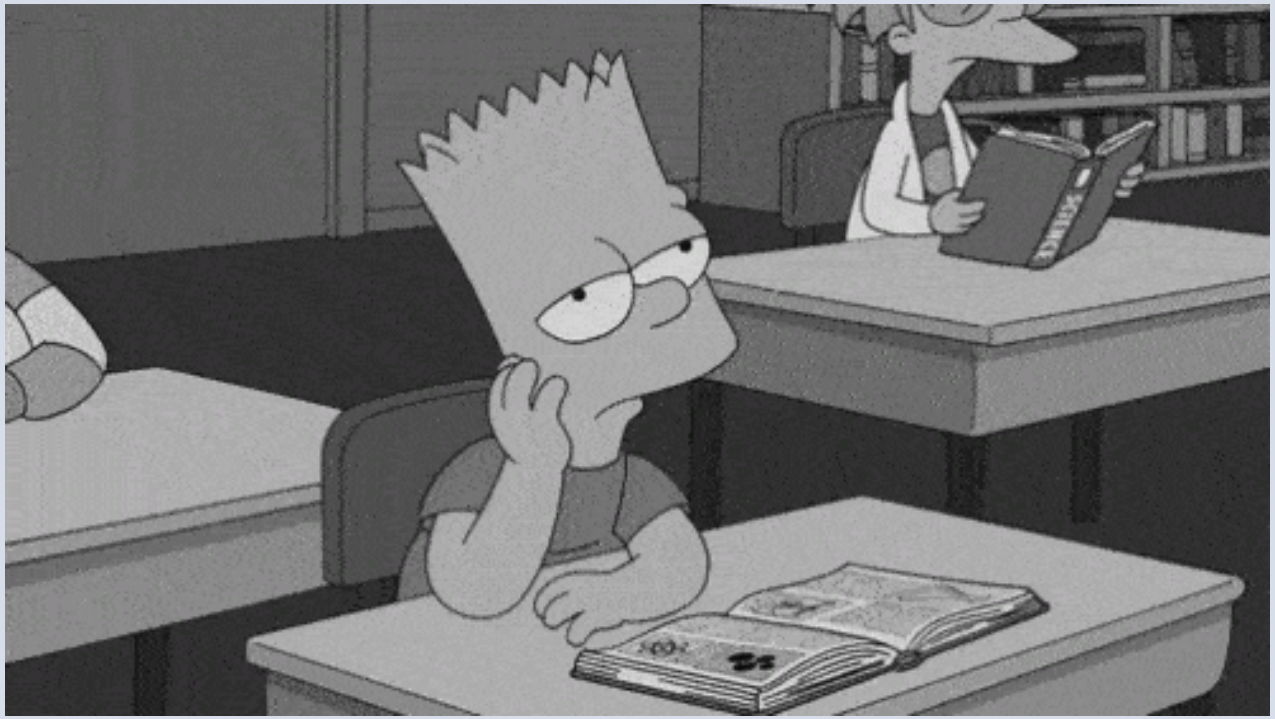
AI Implementation

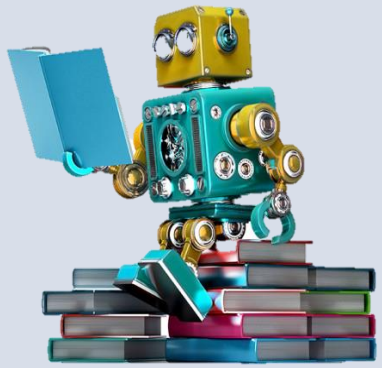
Data

Tool(s)

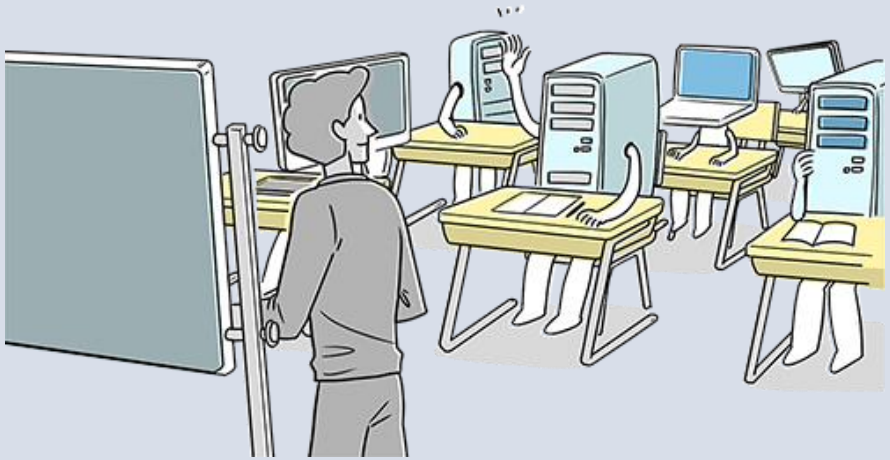
Important (boring) concepts



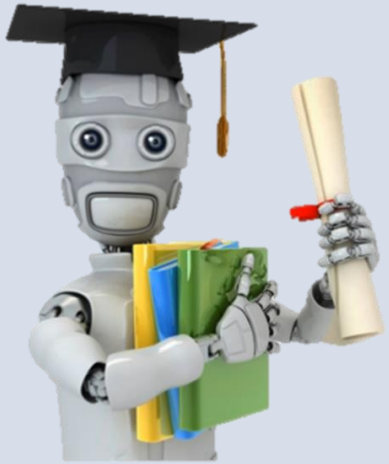
The difference between AI and machine learning



What is artificial intelligence (AI)?



What is machine learning?



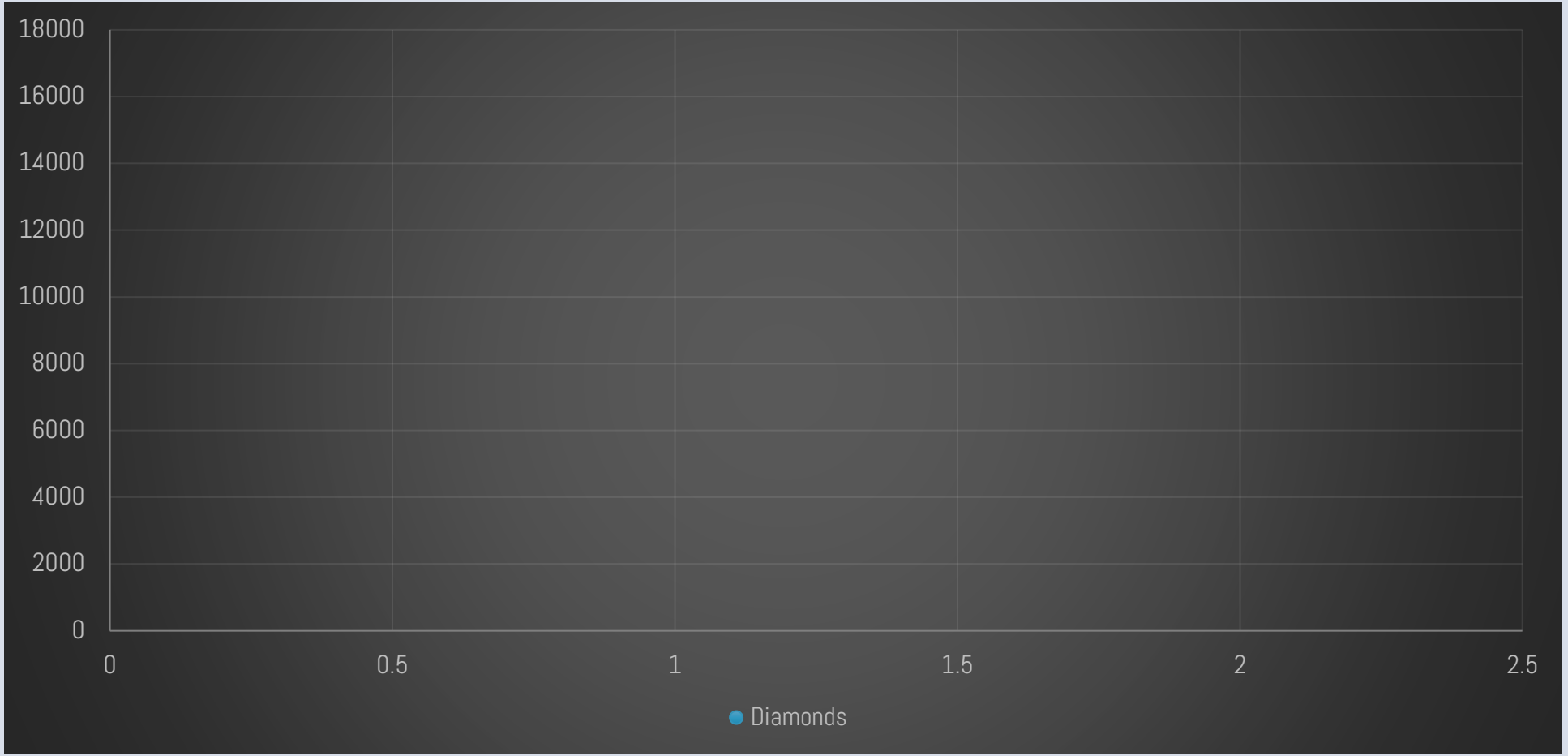
Are AI and ML the same? Are they connected?

Data science

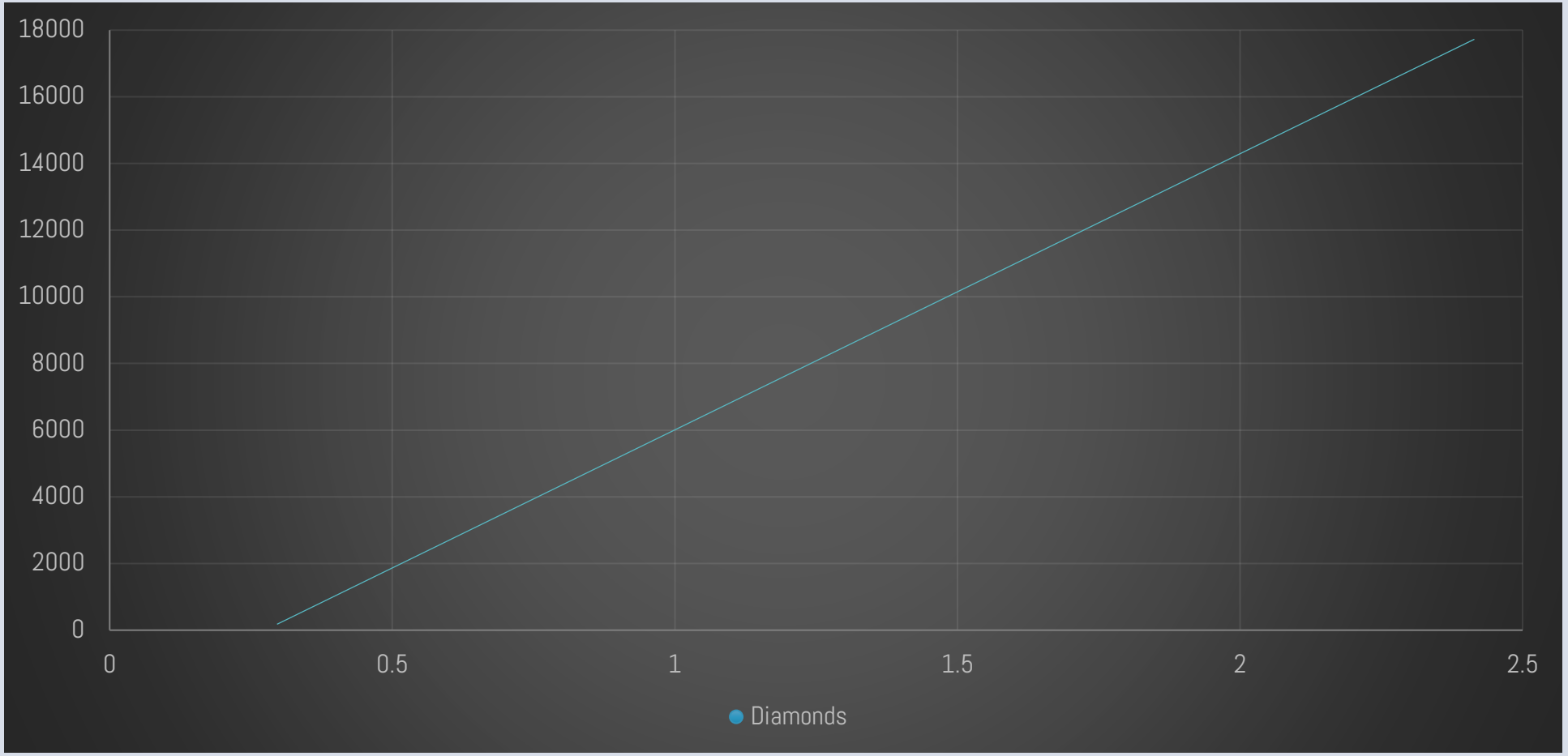
Diamonds dataset

Carats (Weight)	Price ($)
1.01	7366
0.49	385
0.31	544
1.51	9140
0.37	493
0.73	3011
1.53	11413
0.56	1814
0.41	876
0.74	2690
0.63	1991
0.6	4172
2.06	11764
1.1	4682
1.32	6171
2.02	15996

Diamonds – Carats vs price



Diamonds – Carats vs price



Data quality

Irrelevant Data

Reg. #	Block M2	Price
521458	15245	150000
658241	180235	500000
652145	68007	3000000

Relevant Data

M2	Post Code	Price
80	0674	2600000
200	0764	3800000
350	0684	11000000

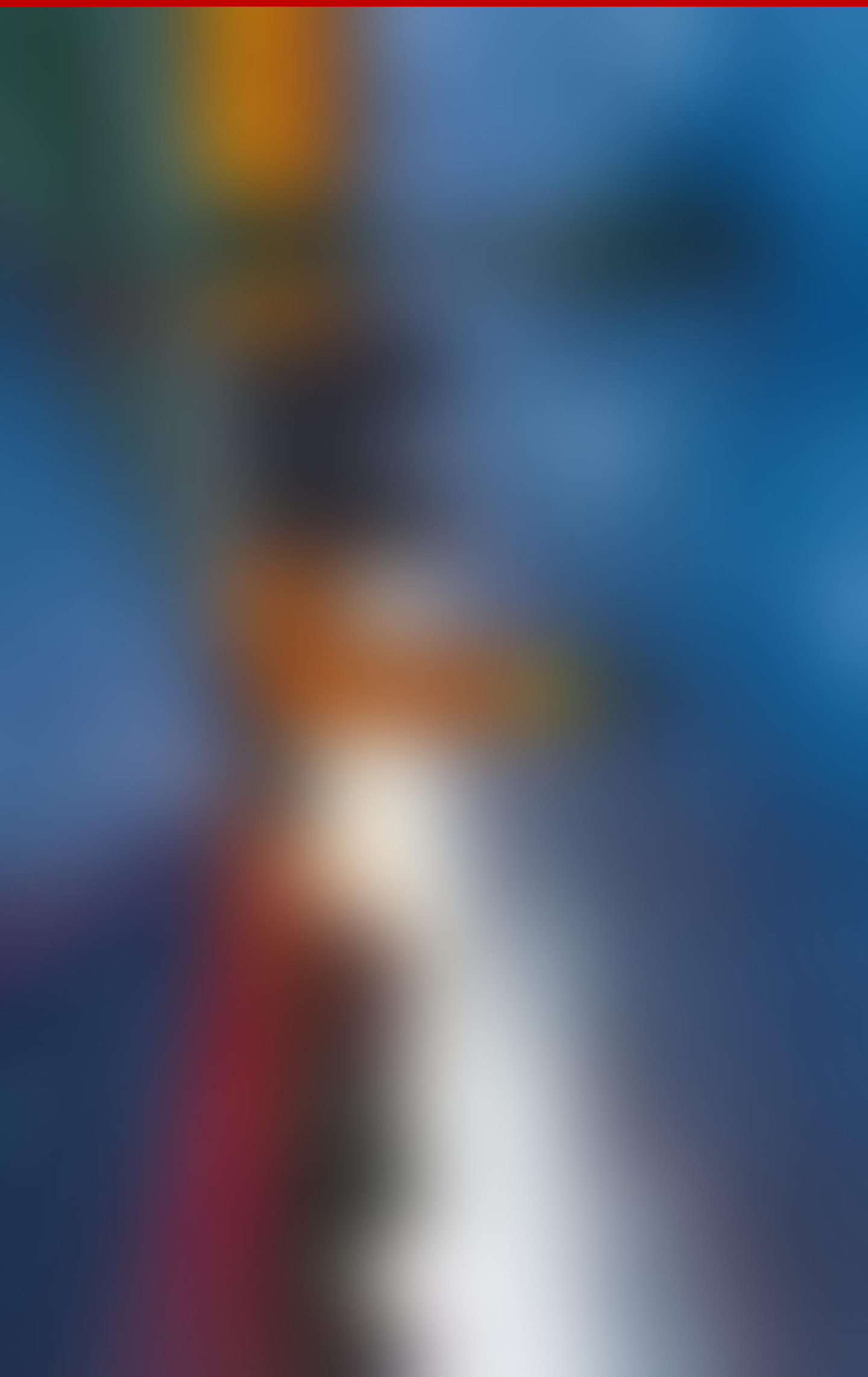
Disconnected Data

M2	Post Code	Price
	82	2600000
200		3800000
	84	11000000

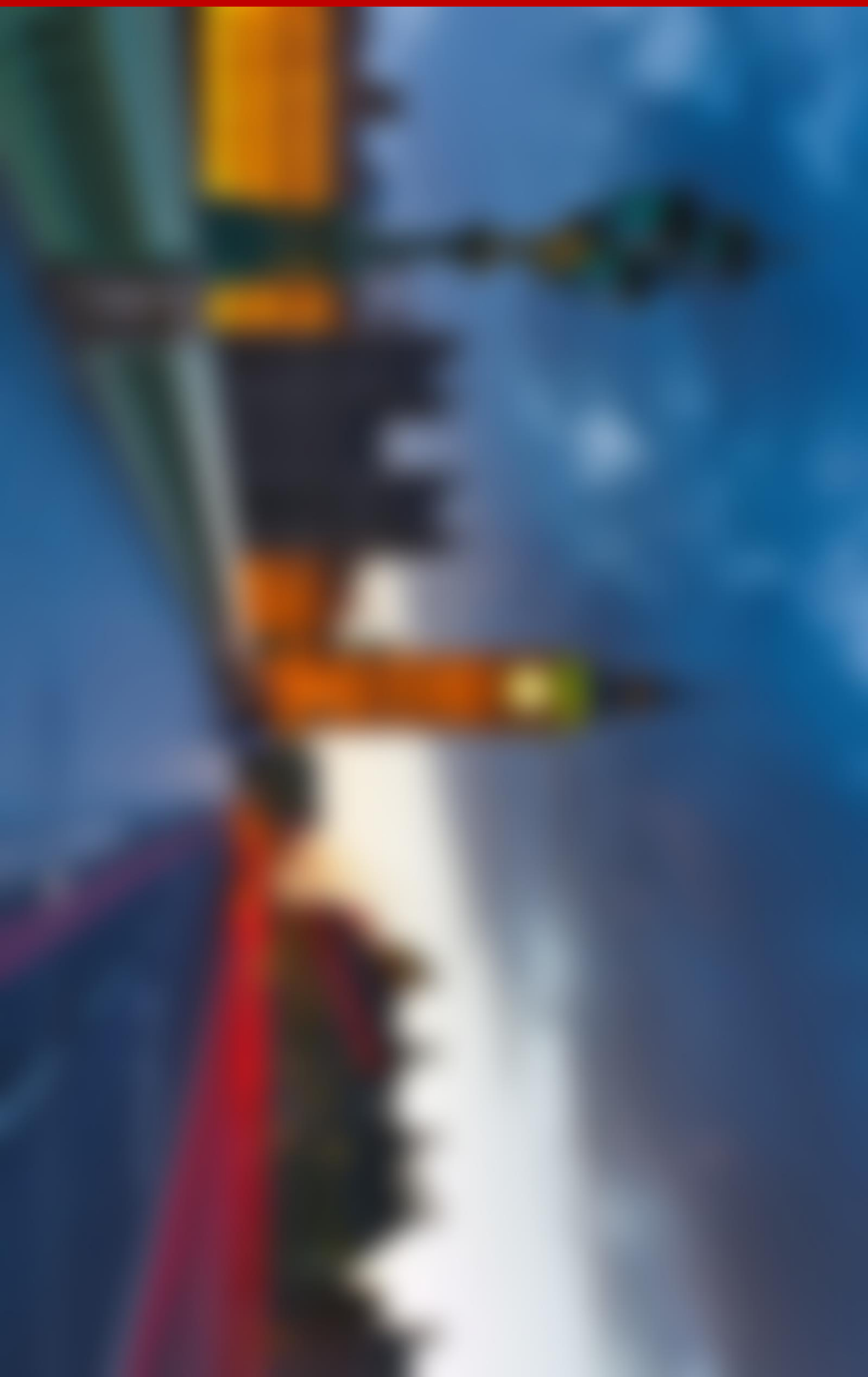
Connected Data

M2	Post Code	Price
80	0674	2600000
200	0764	3800000
350	0684	11000000

Not Enough Data

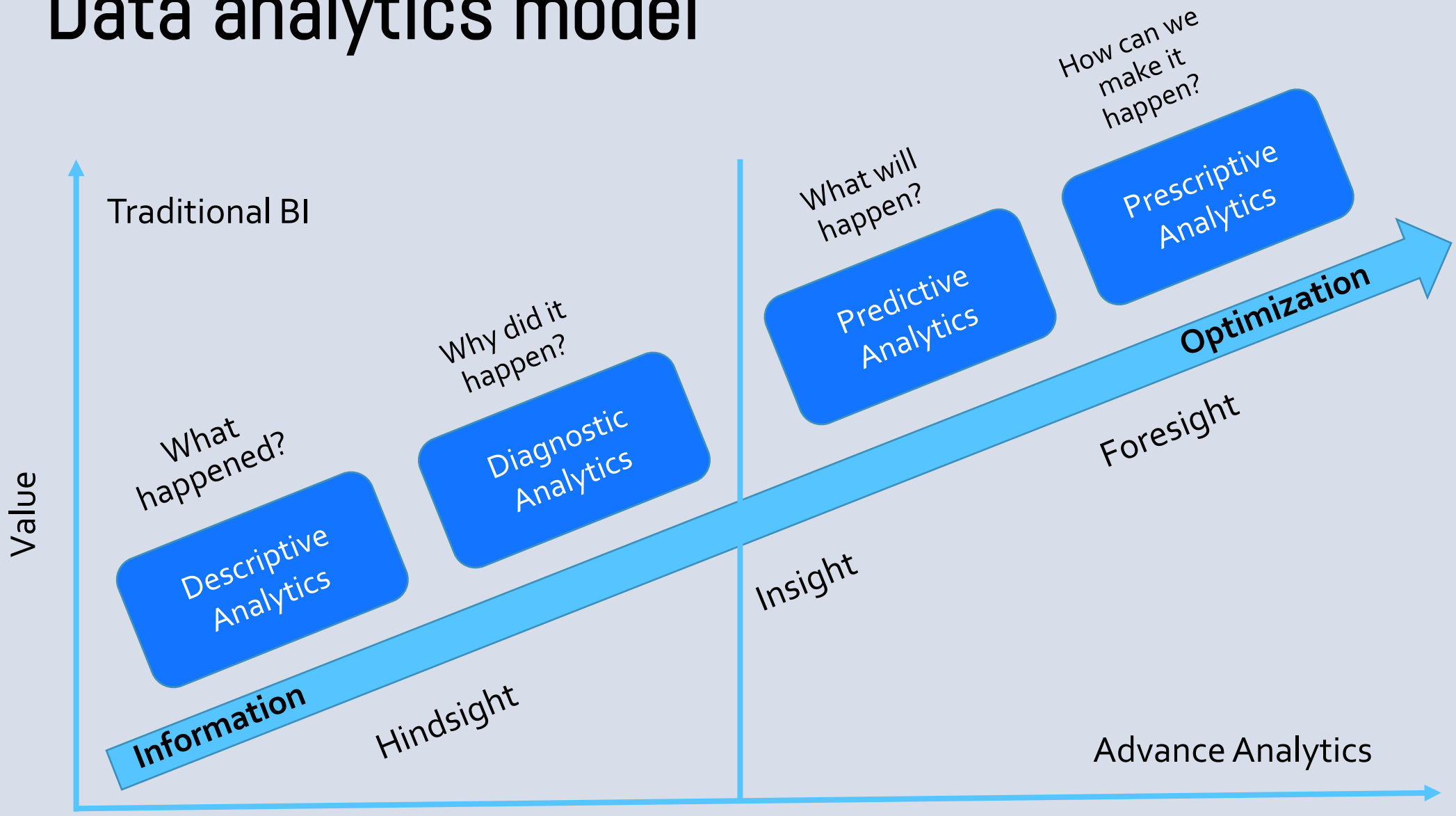


Barely Enough Data



Enough Data

Data analytics model



Implementation Complexity

Business Expertise

Talent Shortage

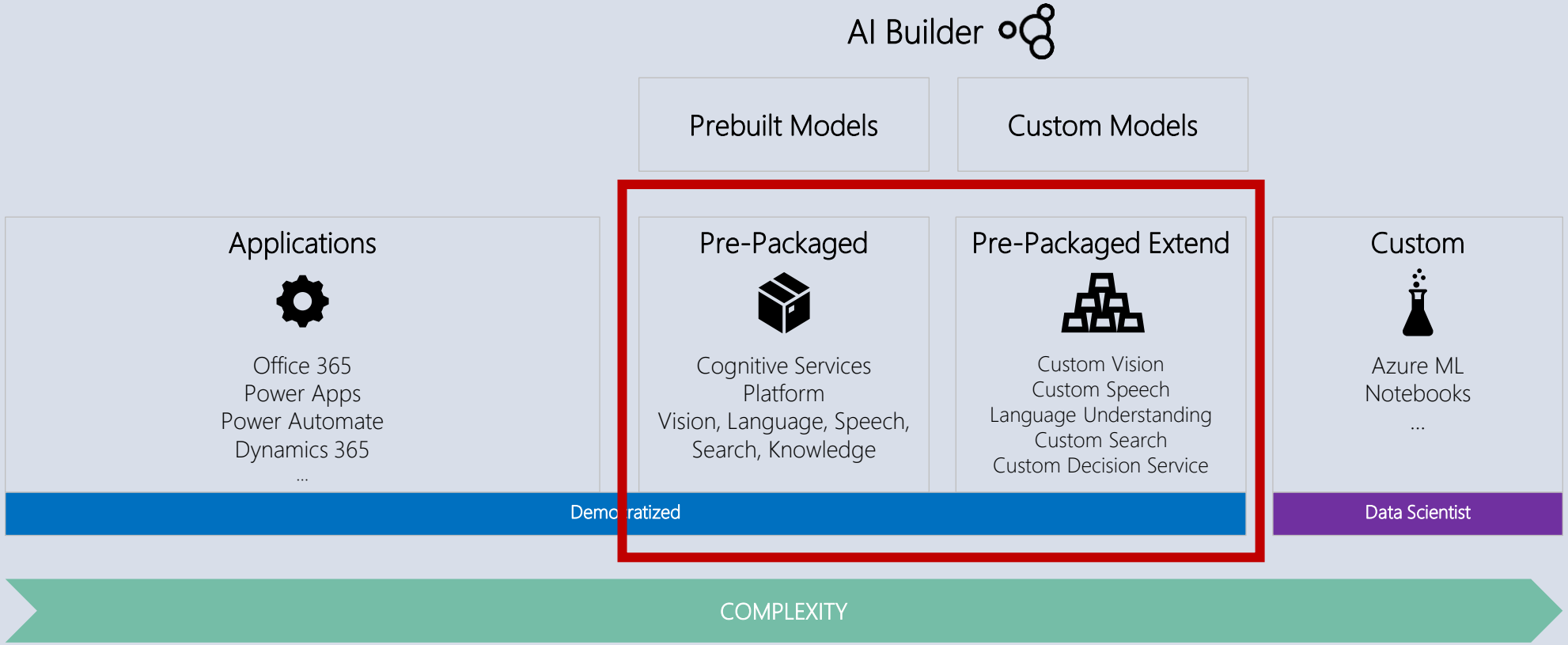
Wouldn't it be great if AI got democratized, making it easier to implement?!

AI Implementation

Data

Tool(s)

AI Landscape



Microsoft Power Platform

The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications

Innovation anywhere. Unlocks value everywhere.

Power BI
Business analytics

Power Apps
Application development

Power Automate
Process automation

Power Virtual Agents
Intelligent virtual agents

Power Pages
External facing websites

Power FX

AI Builder

Dataverse

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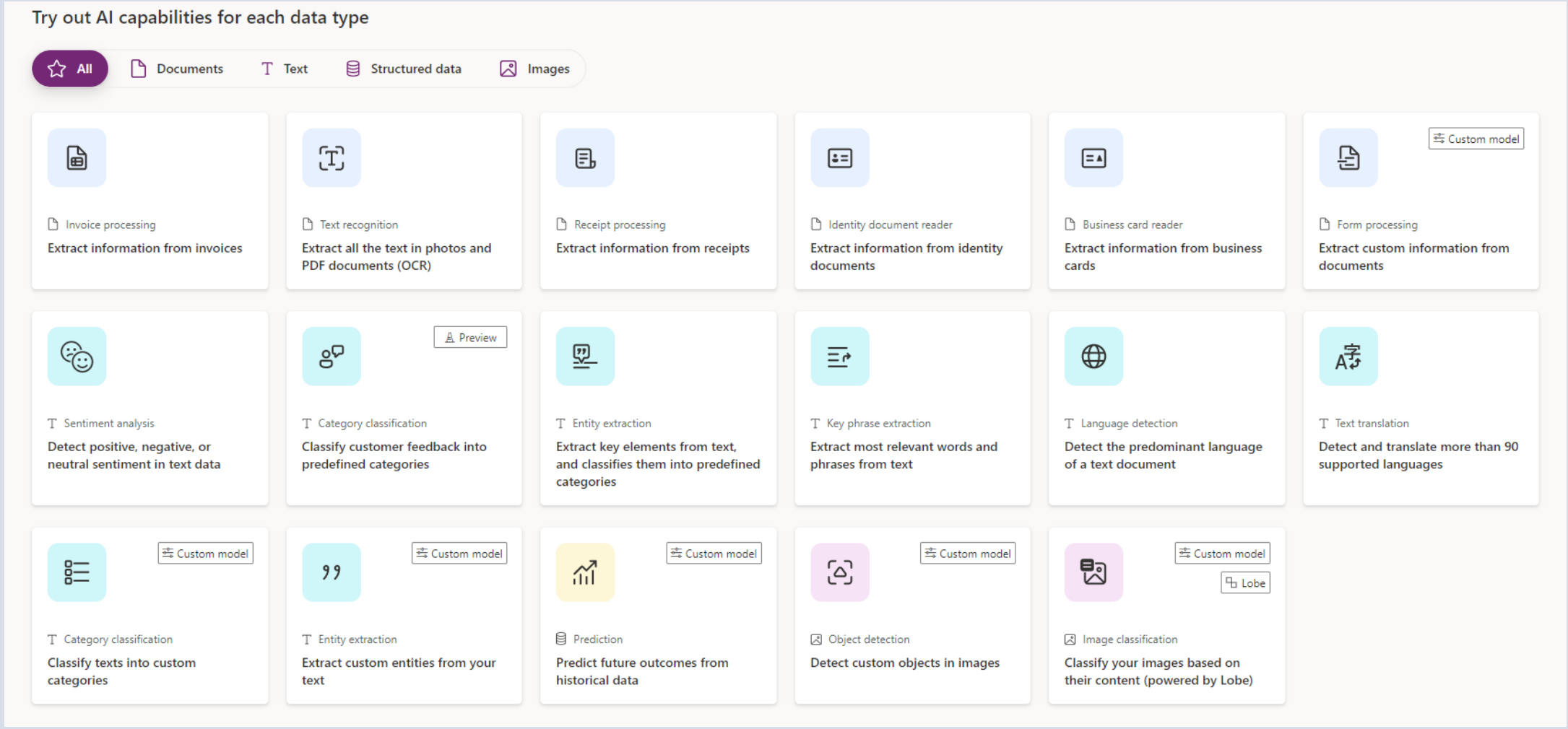
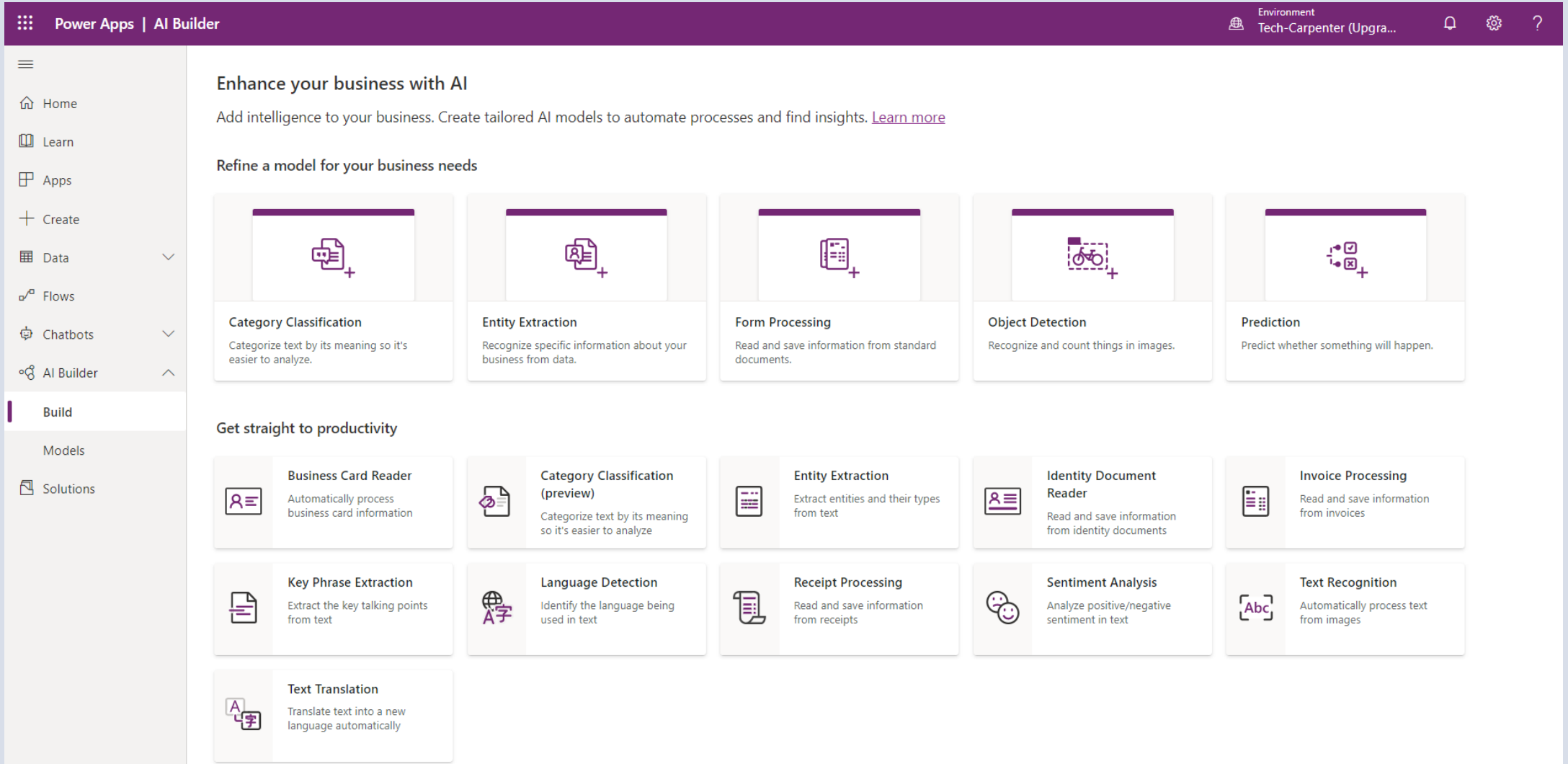
Point-and-Click AI solutions

Add intelligence to your business

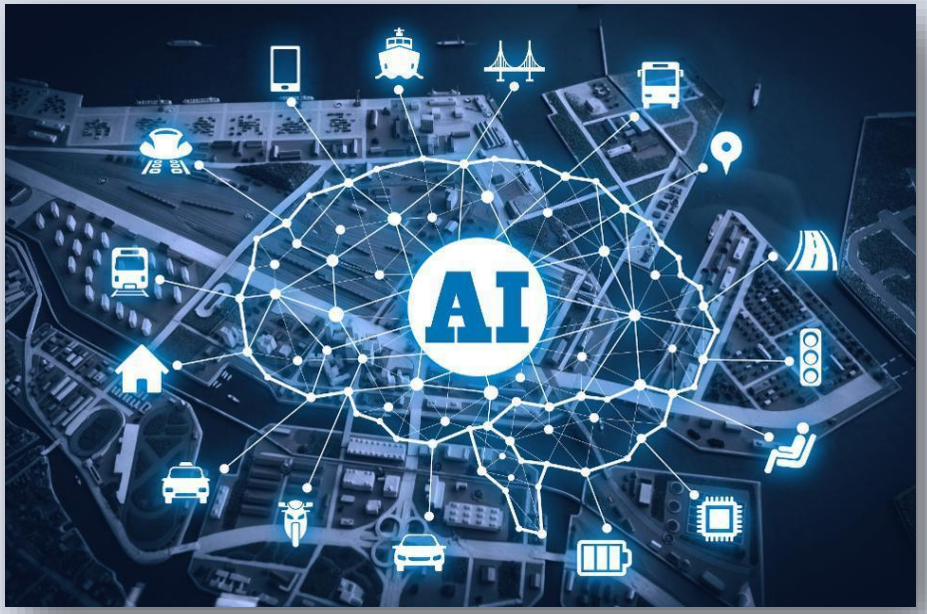


Point-and-Click AI solutions

Add intelligence to your business



AI builder model types



Custom AI Models

Custom AI models are models that you build by choosing a model type in AI Builder, and then training the model to do a specific AI task by using your data

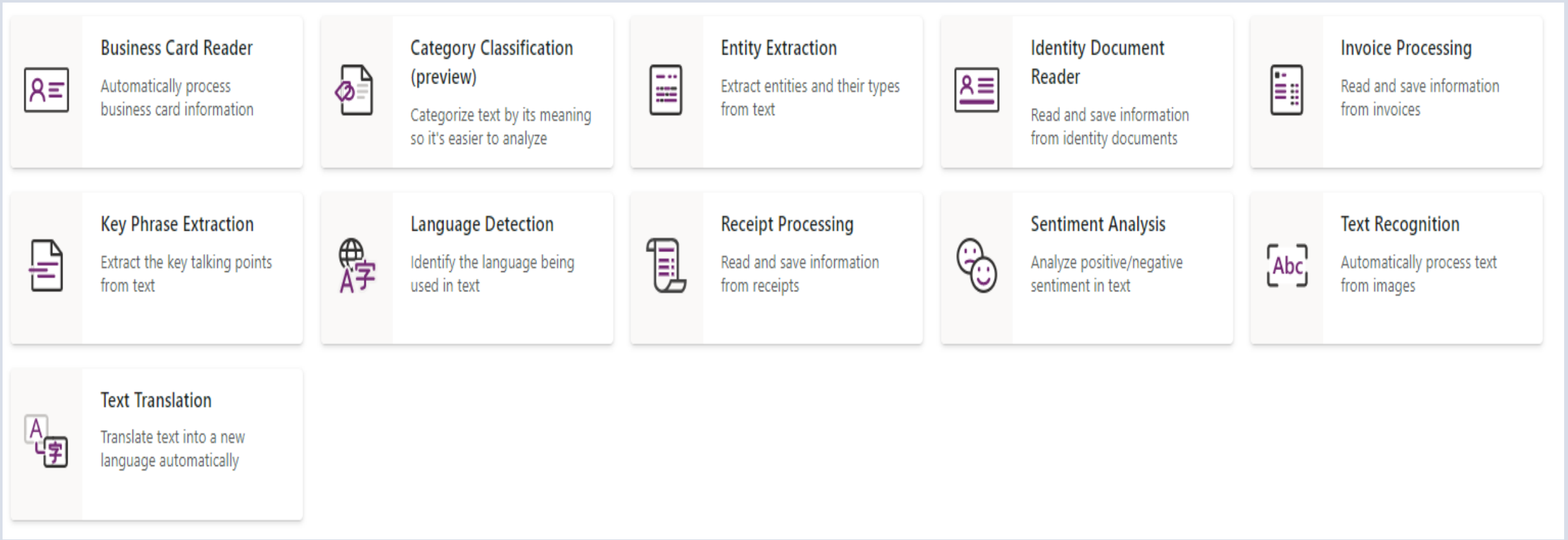
Prebuilt AI Models

AI Builder features prebuilt AI models that you can use in Power Apps and Power Automate. With a prebuilt model, you get an AI model that Microsoft has built and trained to do a specific task.

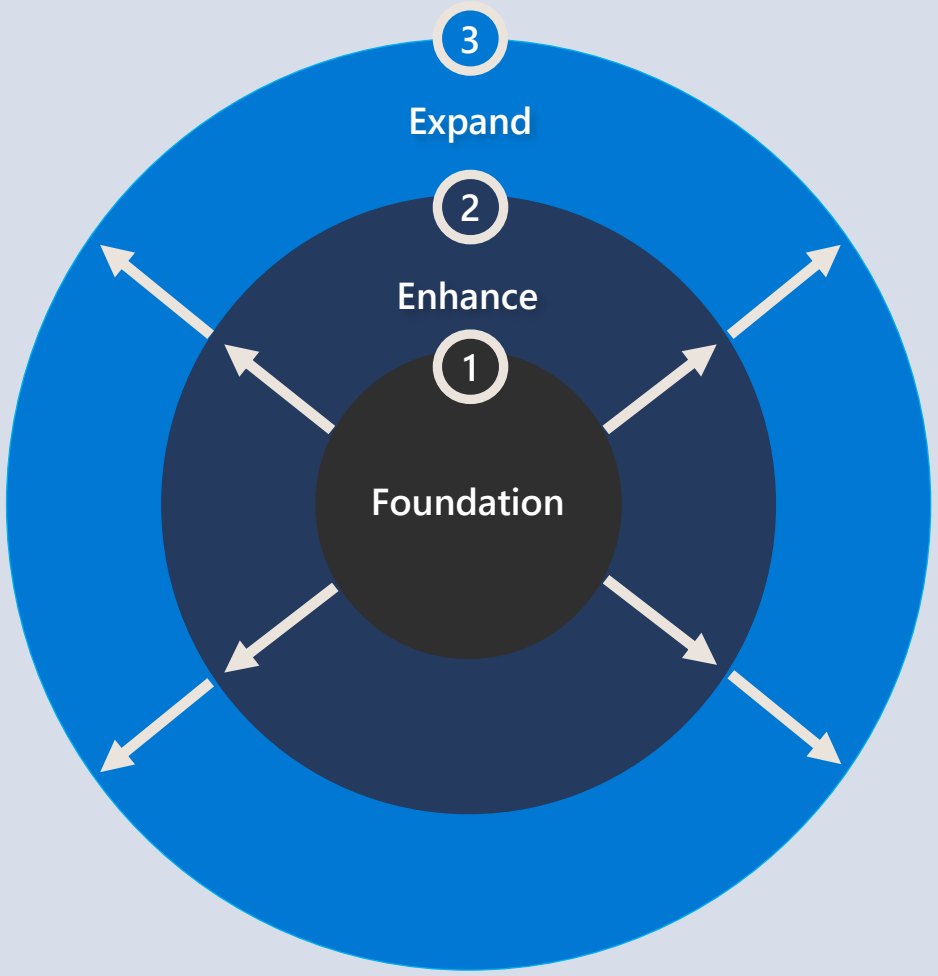
Custom ai models

AI model type	Category	Start here
Prediction	Prediction	Overview of the prediction model
Category classification	Language	Overview of the category classification custom model
Entity extraction	Language	Overview of the entity extraction custom model
Object detection	Vision	Overview of the object detection model
Form processing	Vision	Overview of the form-processing model

Prebuilt ai models

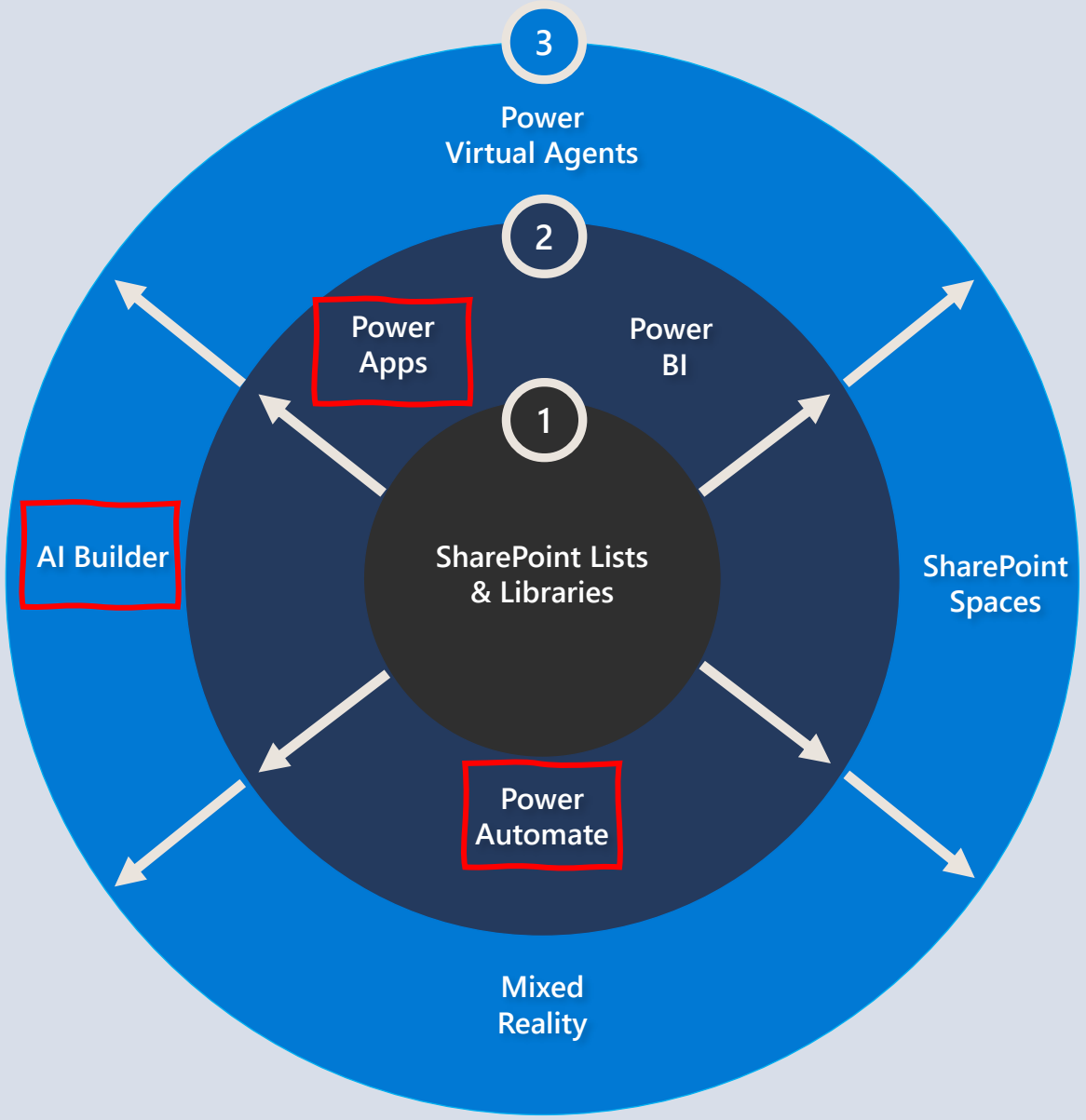


Scaling your business applications

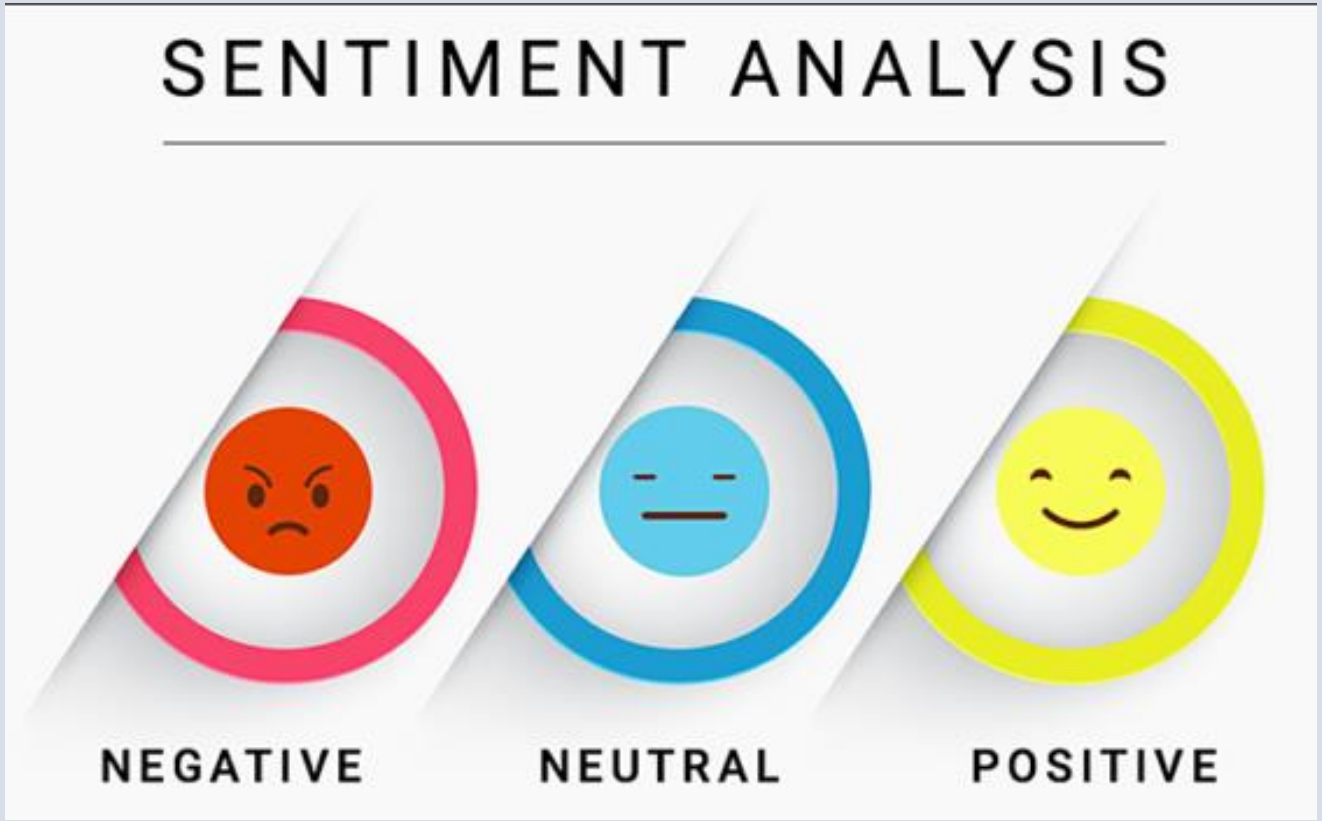


1. Strong foundation
2. Enhance and enrich
3. Expand and scale

Scaling your business applications



Lots of demos ☺



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Know Your Customer - KYC

Invoice Processing

Loan Screening

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