

# Problem to Model Examples

Match Problems to Model Families

Use this table to match problems to model families.

lightgray <b>Problem</b>	<b>Best Model Family</b>	<b>Why It Fits</b>
Predict next month sales	Regression	Output is a number
Decide if an email is spam	Classification	Output is a label
Group customers by behavior	Clustering	Output is natural groupings
Predict equipment failure time	Sequence Model	Data unfolds across time
Recommend articles for readers	Recommendation Model	Output suggests items
Detect unusual credit card activity	Anomaly Model	Output highlights rare events

## Practice

My Problem:

**Chosen Model:**

**Reason:**