

# Use data analysis to take your business to a whole new level.

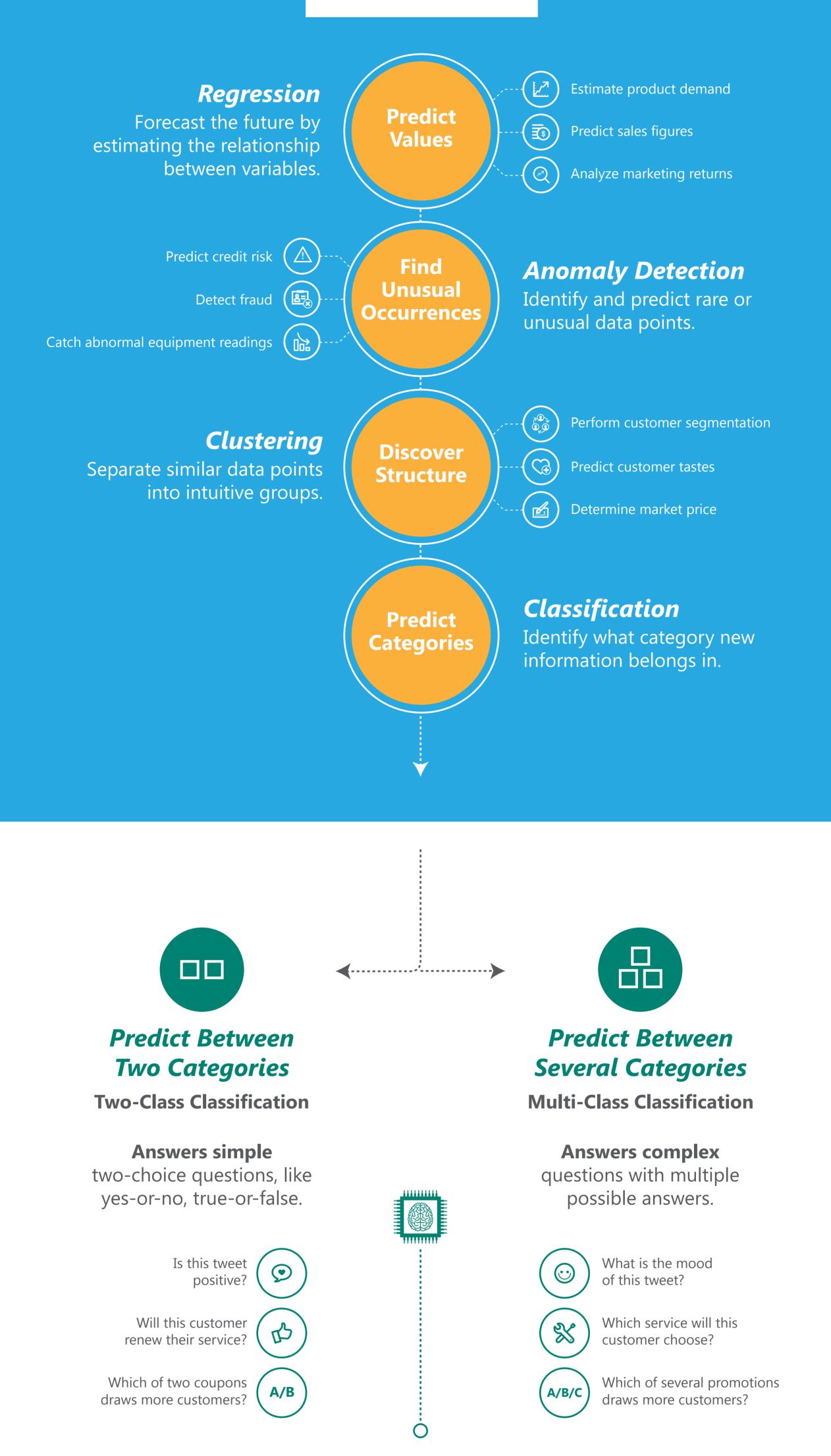
Microsoft Azure Machine Learning simplifies data analysis and empowers you to find the answers your business needs.

The question isn't whether you can find the answers. The question is how.



# So, what do you want to find out?

**I WANT TO:** 

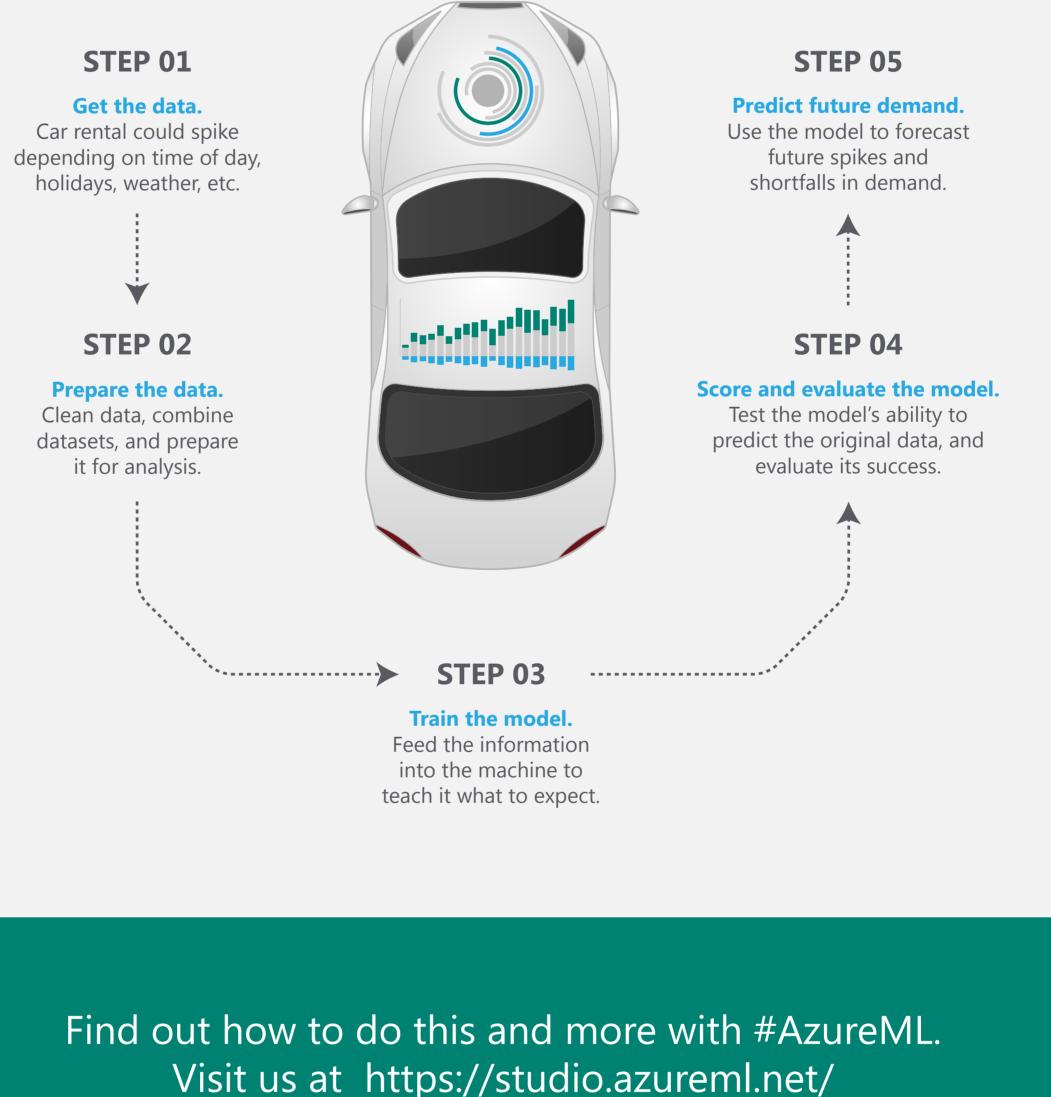


**Azure Machine Learning** works by teaching the software to find patterns in the current data so that it can seek out the patterns in future data.

Let's say you rent cars. How can you accurately predict demand for your product?

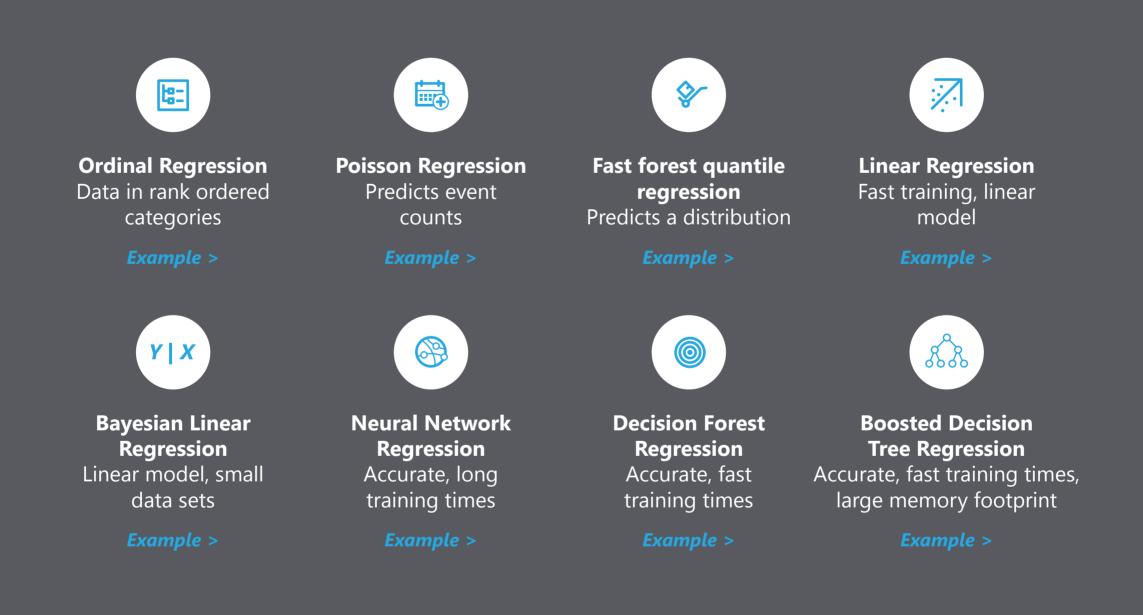
### FOR THAT YOU NEED REGRESSION ANALYSIS

Get the data. Car rental could spike



# **ALGORITHM MODULE OPTIONS**

Regression



# **Anomaly Detection**

**One Class SVM** Under 100 features, aggressive boundary



**PCA-Based Anomaly Detection** Fast training times



** :.
<b>K-Means</b> Unsupervised learning
Example >

#### **Two-Class Classification**



### **Multiclass Classification**

ert x.

Multiclass neural

network

Accuracy, long

training times



**Multiclass logistic** regression Fast training times, linear model



**Multiclass** decision jungle Accuracy, small memory footprint



**Multiclass** decision forest Accuracy, fast training times



One-v-all multiclass Depends on the two-class classifier