

3 Fraud detection using unlabelled data

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This chapter focuses on using unsupervised learning techniques to detect fraud. You will segment customers, use K-means clustering and other clustering algorithms to find suspicious occurrences in your data.

▶	Normal versus abnormal behavior	50 xp
</>	Exploring your data	100 xp
</>	Customer segmentation	100 xp
</>	Using statistics to define normal behavior	100 xp
▶	Clustering methods to detect fraud	50 xp
</>	Scaling the data	100 xp
</>	K-means clustering	100 xp
</>	Elbow method	100 xp
▶	Assigning fraud versus non-fraud	50 xp
</>	Detecting outliers	100 xp
</>	Checking model results	100 xp
▶	Other clustering fraud detection methods	50 xp
</>	DB scan	100 xp
</>	Assessing smallest clusters	100 xp
</>	Checking results	100 xp

HIDE CHAPTER DETAILS