



Digital Receipt

This receipt acknowledges that **Turnitin** received your paper. Below you will find the receipt information regarding your submission.

The first page of your submissions is displayed below.

Submission author: James Wood
Assignment title: Submit your DATA70002 Report here by the 10 June 2024 at ...
Submission title: 11600159.pdf
File name: 11600159.pdf
File size: 497.27K
Page count: 15
Word count: 2,759
Character count: 14,459
Submission date: 08-Jun-2024 02:20PM (UTC+0100)
Submission ID: 236028718

DATA70002 Understanding Data and its Environment		Student ID 11600159
Sales forecasting for the European drug store Rossmann		
Word count: 1963		
Table of contents		
Context		2
Methodology		2
Data cleaning		2
Store data		2
Train data		3
Test data		3
Exploratory data analysis		4
Testing the models		7
Model 1: Linear regression		7
Model 2: Decision Tree		8
Model 3: Random Forest		9
Model 4: XGBoost		10
Using XGBoost to predict sales		11
Final XGBoost results		11
Limitations of the study		12
Benefits of machine learning		12
Implications & recommendations		13
References		14
Appendix		15