

1, building my own model by using “sample reviews training”

The screenshot shows the 'Build' tab of the Amazon SageMaker Canvas interface. The left sidebar contains navigation icons for Home, Amazon Q, Data Wrangler, Datasets, My Models, ML Ops, Ready-to-use, Gen AI, Help, and Log out. The main content area is titled 'My models > product review model > Version 1' and includes a '+ Create new version' button. Below the title bar are tabs for Select, Build (active), Analyze, Predict, and Deploy. The 'Build' tab is divided into two sections: 'Select a column to predict' and 'Select model type'. In the 'Select a column to predict' section, 'product_category' is chosen as the target column. A 'Value distribution' bar chart shows 'Books' (blue), 'Music' (green), and 'Video' (red). The 'Select model type' section recommends 'Multi-category text prediction' and includes a 'Quick build' button. Below these sections is a table titled 'sample product review training' with columns: Column name, Data type, Feature type, Missing, and Unique. The table lists three columns: 'product_review' (Text, Source, 0.00% missing, 600 unique), 'review_id' (Text, -, 0.00% missing, 600 unique), and 'product_category' (Text, Categorical, 0.00% missing, 3 unique). At the bottom, statistics show 3 total columns, 600 total rows, and 1,800 total cells.

Column name	Data type	Feature type	Missing	Unique
product_review	Text	-	0.00% (0)	600
review_id	Text	-	0.00% (0)	600
product_category	Text	Categorical	0.00% (0)	3

■ Total columns: 3 ■ Total rows: 600 ■ Total cells: 1,800

2, Model

The screenshot shows the 'Analyze' tab of the Amazon SageMaker Canvas interface. The left sidebar is identical to the previous screenshot. The main content area is titled 'My models > product review model > Version 1' and includes a '+ Create new version' button. Below the title bar are tabs for Select, Build, Analyze (active), Predict, and Deploy. The 'Analyze' tab is divided into 'Model status' and 'Overview' sections. The 'Model status' section shows a large '99.167%' accuracy figure, a 'Quick build' link, and buttons for 'Predict', 'Standard build', and 'Deploy'. The text below states: 'The model predicts the correct product_category 99.167% of the time.' The 'Overview' section has tabs for Overview (active) and Scoring. The 'Overview' section is divided into 'Per product_category performance' and 'Books performance'. The 'Per product_category performance' section shows a search bar and three bars for 'Books' (100%), 'Music' (100%), and 'Video' (100%). The 'Books performance' section shows 'Correctly predicted' and 'Incorrectly predicted' counts, a 'Confidence' dropdown, and a table of 'Books description' with two rows: 'The world-building in Olivia's dystopian sci-fi novel is excep...' (99.925% confidence) and 'The new mystery novel by Amelia Jones was an exciting na...' (99.916% confidence). At the bottom, statistics show 3 total columns, 600 total rows, and 1,800 total cells.

product_category	Performance
Books	100%
Music	100%
Video	100%

Books description	Confidence
The world-building in Olivia's dystopian sci-fi novel is excep...	99.925%
The new mystery novel by Amelia Jones was an exciting na...	99.916%

■ sample product review training ■ Total columns: 3 ■ Total rows: 600 ■ Total cells: 1,800 ● product_category ● Multi-category text prediction



Advanced metrics

Average f1	Average accuracy	Average precision	Average recall
100%	100%	100%	100%

Predicted values

	Books	Music	Video
Books	16	0	0
Music	0	17	0
Video	0	0	17

Class

Books

Precision

100%

Recall

100%

Accuracy

100%

F1

1

Close Download