Analysis Report

Global dataset report

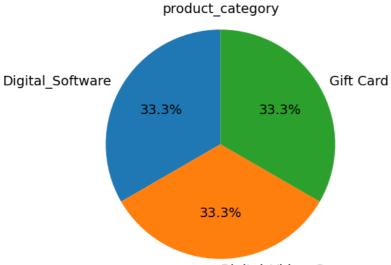
We report the following SageMaker analysis.

Pre-training Bias Metrics

We computed the bias metrics for the label star_rating using label value(s)/threshold 5,4 for the below facets.

product_category

The groups are represented in the dataset with the following proportions.



Digital_Video_Games

Value(s)/Threshold: Digital_Software

name	description	value
CI	Class Imbalance (CI)	0.333333
DPL	Difference in Positive Proportions in Labels (DPL)	0.0
JS	Jensen-Shannon Divergence (JS)	0.0
KL	Kullback-Liebler Divergence (KL)	0.0
KS	Kolmogorov-Smirnov Distance (KS)	0.0
LP	L-p Norm (LP)	0.0
TVD	Total Variation Distance (TVD)	0.0

Value(s)/Threshold: Digital_Video_Games

name	description	value
CI	Class Imbalance (CI)	0.333333
DPL	Difference in Positive Proportions in Labels (DPL)	0.0
JS	Jensen-Shannon Divergence (JS)	0.0
KL	Kullback-Liebler Divergence (KL)	0.0
KS	Kolmogorov-Smirnov Distance (KS)	0.0
LP	L-p Norm (LP)	0.0
TVD	Total Variation Distance (TVD)	0.0

Value(s)/Threshold: Gift Card

value	description	name
0.333333	Class Imbalance (CI)	CI
0.0	Difference in Positive Proportions in Labels (DPL)	DPL
0.0	Jensen-Shannon Divergence (JS)	JS
0.0	Kullback-Liebler Divergence (KL)	KL
0.0	Kolmogorov-Smirnov Distance (KS)	KS
0.0	L-p Norm (LP)	LP
0.0	Total Variation Distance (TVD)	TVD

Analysis Configuration Parameters

```
{
"dataset_type": "text/csv",
"headers": [
  "marketplace",
   "customer_id",
   "review_id",
   "product id",
   "product_parent",
   "product_title",
   "product_category",
   "star_rating",
   "helpful_votes",
   "total_votes",
   "vine",
   "verified_purchase",
   "review_headline",
   "review_body",
   "review_date"
"label": "star_rating",
"label_values_or_threshold": [
  5,
  4
],
"facet": [
     "name_or_index": "product_category"
   }
],
"methods": {
   "pre_training_bias": {
     "methods": [
        "CI",
        "DPL",
        "KL",
        "JS",
        "LP",
        "TVD",
        "KS"
     ]
   },
   "report": {
     "name": "report",
     "title": "Analysis Report"
   }
}
```