## **Analysis 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.

## product\_category

 $Value(s)/Threshold: Digital\_Software$ 

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

Value(s)/Threshold: Digital\_Video\_Games

name	description	value
CDDL	Conditional Demographic Disparity in Labels (CDDL)	0
CI	Class Imbalance (CI)	0.333333
DPL	Difference in Positive Proportions in Labels (DPL)	0
JS	Jensen-Shannon Divergence (JS)	0
KL	Kullback-Liebler Divergence (KL)	0
KS	Kolmogorov-Smirnov Distance (KS)	0
LP	L-p Norm (LP)	0
TVD	Total Variation Distance (TVD)	0

Value(s)/Threshold: Gift Card

name	description	value
CDDL	Conditional Demographic Disparity in Labels (CDDL)	0
CI	Class Imbalance (CI)	0.333333
DPL	Difference in Positive Proportions in Labels (DPL)	0
JS	Jensen-Shannon Divergence (JS)	0
KL	Kullback-Liebler Divergence (KL)	0
KS	Kolmogorov-Smirnov Distance (KS)	0
LP	L-p Norm (LP)	0
TVD	Total Variation Distance (TVD)	0