

Machine Learning Fairness Project
Group 4:

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Please refer to the following notebooks for execution of the corresponding code - apologies for not presenting the report all in one aggregated place:

[LFR](#)

[SVM](#)

[Logistic Regression](#)

Our results are as follows:

Model Name	Accuracy	Calibration	Parity	Equality of Odds
SVM	97%	Protected 97% Nonprotected 97.4%	Protected 53.9% Nonprotected 40%	Protected True Positive 100% False Negative 5.6% Nonprotected True Positive 100% False Negative 4%
Logistic Regression	59.1%	Protected 56.9% Nonprotected 62.5%	Protected 48.3% Nonprotected 45.1%	Protected True Positive 28.2% False Negative 20.1% Nonprotected True Positive 100% False Negative 22.6%
LFR	45.9%	Protected	Protected	Protected

		51.2% Nonprotected 53.1%	64.1% Nonprotected 58.4%	True Positive 64.5% False Negative 63.2% Nonprotected True Positive 65.4% False Negative 54.2%
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