




# AI Classifier from Uploaded File

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 adult 3.csv 5.1MB

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## 1 Uploaded Data Preview

	age	workclass	fnlwgt	education	educational-num	marital-status	occupation	relationship	race	gender	capital-gain	capital-loss	hours-per-week	r
0	25	Private	226802	11th	7	Never-married	Machine-op-inspct	Own-child	Black	Male	0	0	40	l
1	38	Private	89814	HS-grad	9	Married-civ-spouse	Farming-fishing	Husband	White	Male	0	0	50	l
2	28	Local-gov	336951	Assoc-acdm	12	Married-civ-spouse	Protective-serv	Husband	White	Male	0	0	40	l
3	44	Private	160323	Some-college	10	Married-civ-spouse	Machine-op-inspct	Husband	Black	Male	7688	0	40	l
4	18	?	103497	Some-college	10	Never-married	?	Own-child	White	Female	0	0	30	l

## 2 Label Encoding for Categorical Columns

✓ Auto-selected Target Column: income

## 3 Accuracy & Classification Report

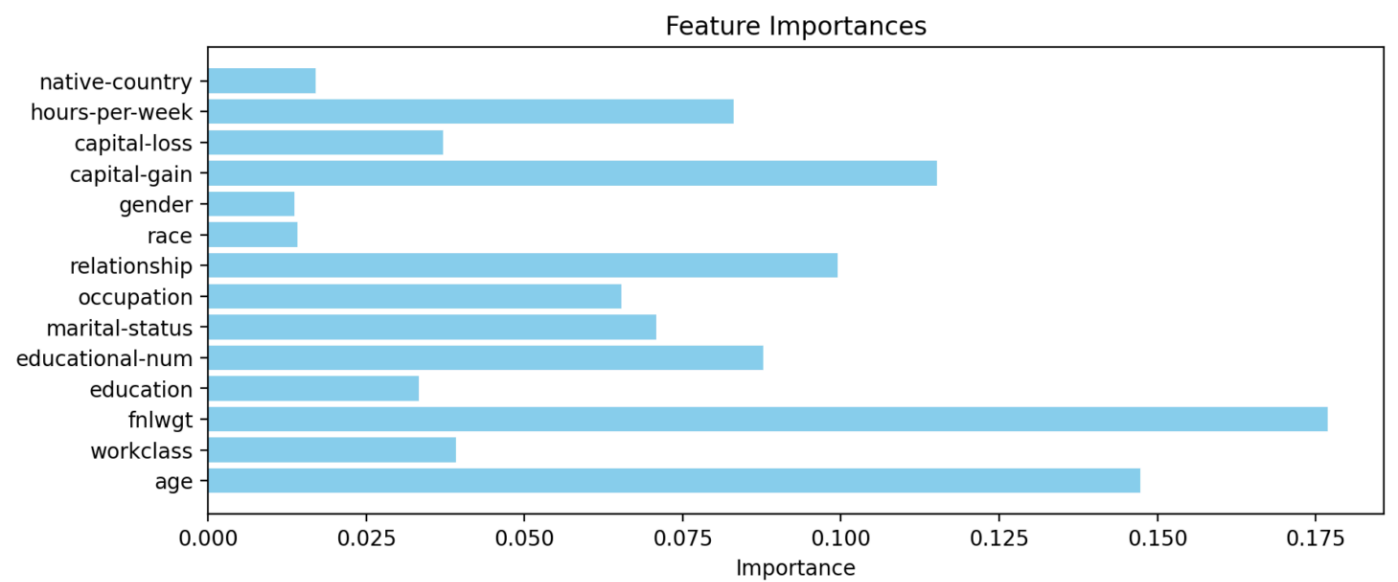
Model Accuracy

86.45%

Classification Report:

	precision	recall	f1-score	support
0	0.89	0.93	0.91	7479
1	0.74	0.64	0.69	2290
accuracy			0.86	9769
macro avg	0.82	0.79	0.80	9769
weighted avg	0.86	0.86	0.86	9769

## 4 Feature Importance



## 5 Predict with Custom Input

Enter value for `age` - +Enter value for `workclass` - +Enter value for `fnlwgt` - +Enter value for `education` - +Enter value for `educational-num` - +Enter value for `marital-status` - +Enter value for `occupation` - +Enter value for `relationship` - +Enter value for `race` - +Enter value for `gender` - +Enter value for `capital-gain` - +Enter value for `capital-loss` - +Enter value for `hours-per-week` - +Enter value for `native-country` - + Predicted Label: <=50K