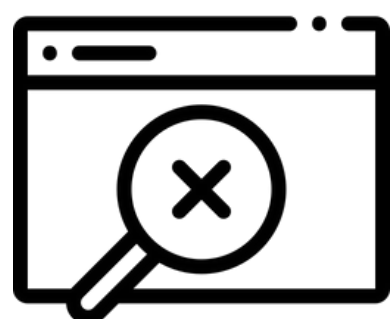


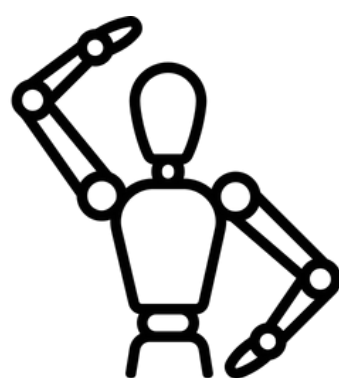
CORTEX: FUNDRAISING USING SAS AND PYTHON

ROEL ADRIÁN DE LA ROSA CASTILLO

A01197595



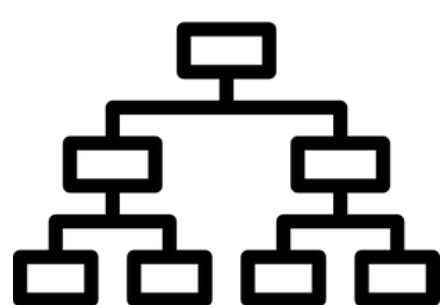
Tratar con los
nans



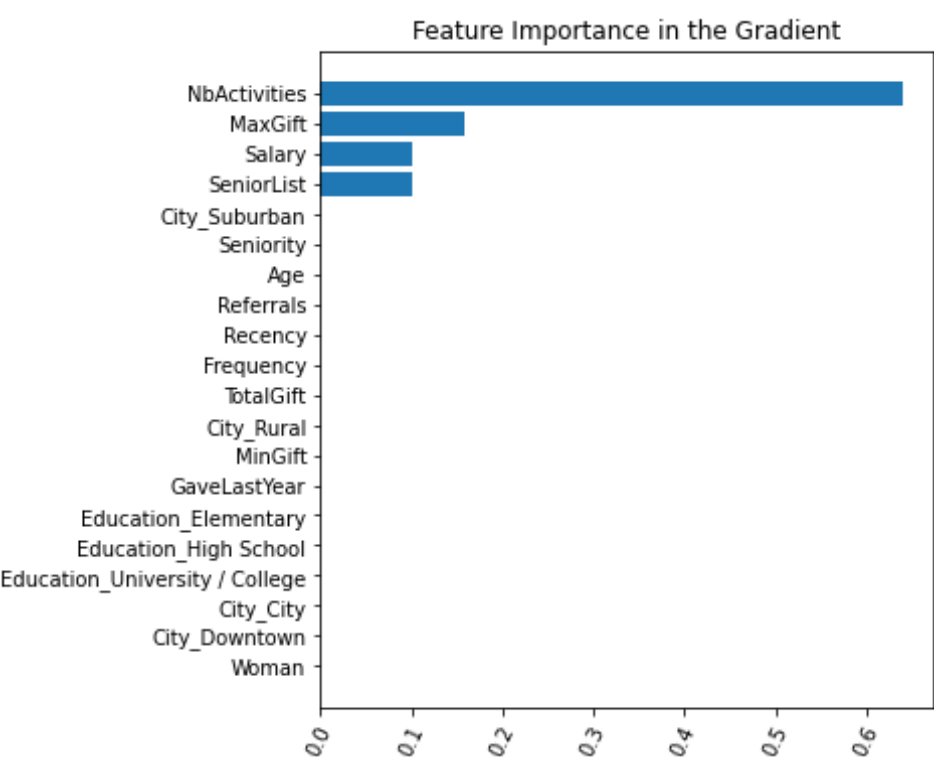
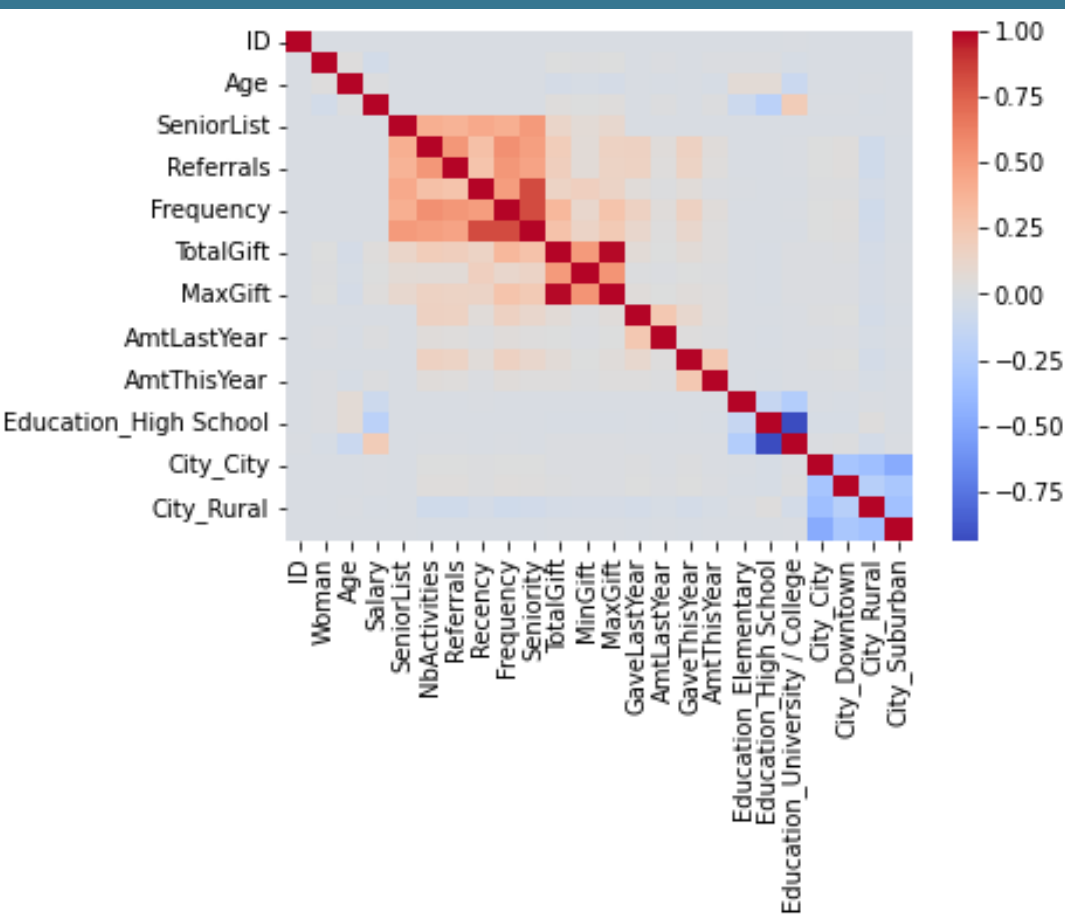
Usar Dummy
Variables



Utilizar
GridSearch



Implementar el modelo
con los mejores
hiperparametros



Resultados Iniciales

Operating Surplus:

\$8,686,235.00

59,999 Personas

Expenses:

contactadas

\$299,995.00

Mejores Resultados

Operating Surplus:

\$9,556,360.00

80,000 Personas

Expenses:

contactadas

\$800,000.00

Rank	Player	Operating surplus	Expenses	Donors contacted	Method	Uploads #	Selected
1	Roel De la Rosa	\$9,556,360.00	\$800,000.00	80000	DecisionTreeRegressor More Rows	6	<input type="radio"/>
2	Roel De la Rosa	\$9,555,655.00	\$800,000.00	80000	Round1-ScaledData	10	<input type="radio"/>
3	Roel De la Rosa	\$9,452,125.00	\$300,000.00	60000	DecisionTreeRegressor	14	<input checked="" type="radio"/>
4	Roel De la Rosa	\$9,446,165.00	\$300,000.00	60000	DecisionTreeRegressor	4	<input type="radio"/>
5	Roel De la Rosa	\$8,829,185.00	\$300,000.00	60000	Round2Output Final Submission	16	<input type="radio"/>
6	Roel De la Rosa	\$8,803,405.00	\$2,800,000.00	160000	DecisionTreeRegressor More Rows	15	<input type="radio"/>
7	Roel De la Rosa	\$8,757,890.00	\$300,000.00	60000	GradientBoostingRegressor	12	<input type="radio"/>
8	Roel De la Rosa	\$8,686,235.00	\$299,995.00	59999	Test3	3	<input type="radio"/>
9	Roel De la Rosa	\$8,438,580.00	\$300,000.00	60000	DecisionTreeRegressor tuning	13	<input type="radio"/>
10	Roel De la Rosa	\$8,304,470.00	\$300,000.00	60000	Round2Output	7	<input type="radio"/>
11	Roel De la Rosa	\$8,304,470.00	\$300,000.00	60000	Round2OutputV2	8	<input type="radio"/>
12	Roel De la Rosa	\$8,304,470.00	\$300,000.00	60000	DecisionTreeRegressor	9	<input type="radio"/>
13	Roel De la Rosa	\$8,304,470.00	\$300,000.00	60000	Round2Output Scaled Data	11	<input type="radio"/>
14	Roel De la Rosa	\$8,199,900.00	\$50,000.00	10000	DecisionTreeRegressor More Rows	5	<input type="radio"/>