**SVM Algorithm**

Score Survived 0.6479400749063671

Confusion\_Matrix: Survived [[132 25]

[ 69 41]]

Score Pclass 0.8614232209737828

Confusion\_Matrix: Pclass [[ 63 6 1]

[ 8 28 13]

[ 8 1 139]]

Score Sex 0.6404494382022472

Confusion\_Matrix: Sex [[ 30 68]

[ 28 141]]

Score Age 0.1947565543071161

Confusion\_Matrix: Age [[0 0 0 ... 0 0 0]

[0 0 0 ... 0 0 0]

[0 0 0 ... 0 0 0]

...

[0 0 0 ... 0 0 0]

[0 0 0 ... 0 0 0]

[0 0 0 ... 0 0 0]]

Score Embarked 0.7715355805243446

Confusion\_Matrix: Embarked [[ 6 1 42]

[ 0 6 16]

[ 1 1 194]]

Score Parch 0.7902621722846442

Confusion\_Matrix: Parch [[197 1 0 0 0]

[ 32 8 0 0 0]

[ 18 3 6 0 0]

[ 1 0 0 0 0]

[ 1 0 0 0 0]]

Score SibSp 0.7303370786516854

Confusion\_Matrix: SibSp [[167 14 1 0 0 0 0]

[ 40 24 1 0 0 0 0]

[ 6 2 0 0 0 0 0]

[ 2 5 0 0 0 0 0]

[ 1 0 0 0 1 0 0]

[ 0 0 0 0 0 1 0]

[ 0 0 0 0 0 0 2]]

Score Fare 0.3146067415730337

Confusion\_Matrix: Fare [[ 1 0 2 ... 0 0 0]

[ 0 0 4 ... 0 0 0]

[ 0 0 63 ... 0 0 0]

...

[ 0 0 1 ... 0 0 0]

[ 0 0 1 ... 0 0 0]

[ 0 0 0 ... 0 0 0]]