#4. a).

Pclass: This plot shows that survive rate for first-class passangers is the highest, and it's extremly low on survive rate of third-class passongers. Which is: P(S=1|T=1) > P(S=1|X=2) > P(S=1|T=3)

Sex: Shows that Passenger with sex = 0 are most likely survive, and sex = 1 are most likely not survive.

Expect that 0 for female and 1 for male, this feature
is a good one to reduce entropy in dutaset.

Age: Only children below 10 years ald how higher survive rate than dead rate. Most people one in range 20-40 years old, but they have lower survive rate than other age.

SibSp: This plot shows that passengers with lor 2 siblings or spowses have higher survive vote.

Parch: This plot shows that most people about have parout/child on board, but peple with 1 or 2 parout/child on board have higher survive rate.

fare: This play shows most people has no fare, People with fare have much higher survive rate.

Embarked People embarked at 0.0 has highest survive rate.