Logistic Regression Report

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1. Write the variable pairs that are not correlated at all to each other.
2. Are there any highly correlated variables in this dataset?
3. How many categories are there for the Price variable?
4. Why is it divided into two entries only in the model?
5. Q5: (Note: For this part, you may need to search and read about the ROC curve.)
   1. Write the value of AUC.
   2. What is the maximum value of AUC (ideal case)?
6. What does each point in the ROC graph represent?
   1. In other words, what is the value that changes and drives TPR and FPR to change too from one point to another in the graph?
7. How is the predicted probability affected by changing only the Price holding all other variables constant?
8. How is the predicted probability affected by changing only Age holding all other variables constant?
9. How is the predicted probability affected by changing only Income holding all other variables constant?