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Course: IST 707 Data Analytics

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Required Tools: Python, Anaconda

Short Description: We used a current New York City Airbnb dataset from their website to look at the following questions: How much value does each amenity add to the price of an Airbnb? Is there a relation between the sentiment of a review, the price of an Airbnb, and the proximity to a large tourist attraction? How much effect does the time of year have on the cost of an Airbnb, the number of reviews written, and the sentiment of the reviews? Where are the affordable Airbnbs located in the five boroughs? Trying to Predict if a given location will be available for 365 days out of the year?