

# EDLIN FOSSOWAY

**Edlin** is an avid tourist. His **goal** is to visit as many places as possible, while spending at least one night in a certain place.



**Regression task:** Due to a recent update in Westeros-Airbnb's pricing system and a temporary data synchronization issue, the prices for some of the listings are currently unavailable. (This is the hold-out dataset.) Edlin has still got all information about these airbnbs except the price, so he is not sure whether he can afford any, as his budget has been fixed for the year already. If he starts saving now, he will have a remaining budget of 11 for the last day of the year. Could he rent out a place for the night in King's Landing? How about Winterfell? (Hold-out dataset only.)

**Question 1:** Which regions have the highest average review ratings for Airbnb listings? (*Explanation:* Edlin would want to stay in satisfying places to have good experience).

**Question 2:** What are the most popular cities (with the highest number of Airbnb listings) in the top 5 most visited regions? (*Explanation:* He is interested in what makes a spot so popular.)

**Question 3:** What is the average price of Airbnb listings in the top 5 cities with the most attractions (e.g., museums, parks, landmarks)? (*Explanation:* He needs to plan the budget for his travels well in advance.)

**Question 4:** Edlin wants to compare the apartments in Winterfell and King's Landing by average price/bedrooms and number of amenities per price range (quartiles). (*Explanation:* He wants to visit only one of the two cities, the one that offers a better price-performance to stay).

**WDYT:** If you were a city official responsible for civil engineering, and would like to attract tourists like Edlin, what would you do? Give recommendations and explain your points.