

# DECRAN JORDAYNE



**Decran** is a spy, who is disguised as a musician organizing festivals. His **goal** is to organize a music tour next year for younger folks and as an undercover agent to also visit all major eastern ports to investigate their vulnerabilities.

**Regression task:** There is a new up-and-coming city in Westeros! (This is the hold-out dataset.) Decran has all the info about this city's airbnbs except the price. He has already decided that he will visit 5 cities in his tour (we can give this as a list, or they can choose it based on price (if it ticks every box). Can this new city offer enough to make the list? (Can he find a place, that ticks every box and makes the top 5 based on price?)

**Question 1:** Which cities have the highest population of younger people (e.g., age demographics indicating a significant population under 30)? (*Explanation:* Decran the musician would want to target cities where his primary audience resides.)

**Question 2:** Which neighborhoods in these cities have the most affordable Airbnbs? (*Explanation:* Finding budget-friendly accommodations will be important for his tour expenses. Also, younger audiences and traveling fans tend to prefer low cost to luxurious flats. )

**Question 3:** Which cities have the highest number of music venues (like concert halls, clubs, etc.) listed in their Airbnb descriptions? (Or which cities don't have any? - these should be excluded from potential stops of the tour.) (Another question/threshold could be the number of seats/the capacity of each venue) (*Explanation:* Decran needs to identify cities with a vibrant music scene and available venues. He can further narrow his list of targets with a given threshold - how many venues should one city have/how big?)

**Question 4:** Which cities with a high young population also have the highest concentration of Airbnbs with amenities such as free Wi-Fi and proximity to public transport? (*Explanation:* Ensuring easy access to essential amenities and transport will help Decran and his team manage the tour efficiently. This is also important for traveling fans. Choosing an easily accessible venue is also important.)

**Question 5:** As Decran the spy, you should also plan cheap and low-rated accommodation (to easily disappear in the underlife folks) in larger ports in the proximity of a targeted venue. Create your plan.

**WDYT:** As a Westeros tourism official what would you do to make it easier for younger folks to attend the music festivals? Give recommendations and arguments.