Project Proposal: Airbnb

1. List of data sources

Kaggle: Airbnb Property Data from Texas

<https://www.kaggle.com/PromptCloudHQ/airbnb-property-data-from-texas>

Census API

1. Inspiration! Other analyses done

[Opendatasoft: Airbnb Listings](https://public.opendatasoft.com/explore/dataset/air-bnb-listings/table/?disjunctive.neighbourhood&disjunctive.column_10&disjunctive.city&location=2,-3.51342,0&basemap=jawg.streets&dataChart=eyJxdWVyaWVzIjpbeyJjaGFydHMiOlt7InR5cGUiOiJsaW5lIiwiZnVuYyI6IkFWRyIsInlBeGlzIjoiaWQiLCJzY2llbnRpZmljRGlzcGxheSI6dHJ1ZSwiY29sb3IiOiIjRkY1MTVBIn1dLCJ4QXhpcyI6InVwZGF0ZWRfZGF0ZSIsIm1heHBvaW50cyI6IiIsInRpbWVzY2FsZSI6InllYXIiLCJzb3J0IjoiIiwiY29uZmlnIjp7ImRhdGFzZXQiOiJhaXItYm5iLWxpc3RpbmdzIiwib3B0aW9ucyI6eyJkaXNqdW5jdGl2ZS5uZWlnaGJvdXJob29kIjp0cnVlLCJkaXNqdW5jdGl2ZS5jb2x1bW5fMTAiOnRydWUsImRpc2p1bmN0aXZlLmNpdHkiOnRydWV9fX1dLCJkaXNwbGF5TGVnZW5kIjp0cnVlLCJhbGlnbk1vbnRoIjp0cnVlfQ%3D%3D)

Chart

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[kdnuggets: airbnb](https://www.kdnuggets.com/2017/08/insights-data-mining-airbnb.html)

Map

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1. Possible Research Questions (chapters of the data story)

Where is the most popular place to open up an Airbnb?

Where can I make the most money with Airbnb?

Is there a correlation between population and Airbnb availability?

Is there a correlation between Airbnb rate both population and poverty rate?

Is there a correlation between Airbnb availability and unemployment rate?

Is there a difference in Airbnb price between urban and rural areas?

1. Breakdown of roles

Cleaning Data – All

Google Map Visualization - Diana

Visualization - Ericka

Regression - Steven

Write-up – All input with sections assigned (compilation Diana & Ericka)

Slide Deck – All input with sections assigned (compilation Steven)