**Price prediction model for a specific Airbnb in Vienna (Austria)**

**Introduction**

A company who operates small and mid-sized apartments (usually hosting 2-6 guests) asked us to help them setting their prices for new apartments in Vienna, Austria. As there are currently many hosts in the city, the data from Inside Airbnb[[1]](#footnote-1) may contain false information, thus a thorough cleaning may be necessary to get a usable data frame to work with. Next, multiple models are used to determine which one may predict the actual worth of the company’s apartments the best, based on multiple prediction fit factors (such as RMSE).

**Data & Cleaning**

**Usable Models**

**Models’ Results**

**Price Setting**

1. <http://insideairbnb.com/get-the-data/#:~:text=Vienna%2C%20Vienna%2C%20Austria> [↑](#footnote-ref-1)