1   Match Score Calculation

1.1   Input Arguments

- *commute* - boolean indicating whether trip is one-time or commute.

- *roundtrip* - boolean indicating whether trip is one-way or roundtrip.

- *day_of_week* - e.g. MonTueWedThuFri, indicating which days of week the trip happens, null if commute=false. (what's the best representation)

- *date* - trip date, null if commute=true.

- *origin_add* - address of the origin.(break into multiple fields?)

- *destination_add* - address of the destination.(break into multiple fields?)

- *forward_time* - start time of the trip going from origin to destination.

- *forward_flexibility* - flexibility of *forward_time*. e.g. if *forward_time* is 9:00am and *forward_flexibility* is 30 minutes, then any start time between 8:30am-9:30am is acceptable.

- *back_time* - start time of trip going from destination to origin. null if roundtrip=false.

- *back_flexibility* - similar to *forward_flexibility*.

1.2   Type Match Score

1.3   Destination Match Score

1.4   Time Match Score

1.5   Match Score

Match Score = Type Match Score×Destination Match Score×Time Match Score

2   Pricing Scheme

2.1   Observation