system diagram of
Uber

Transportation

Matching gps location

sufficient supply
and high demand

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optimal route
planning

Food delivery

Keywords

Ranking Index

Logistics
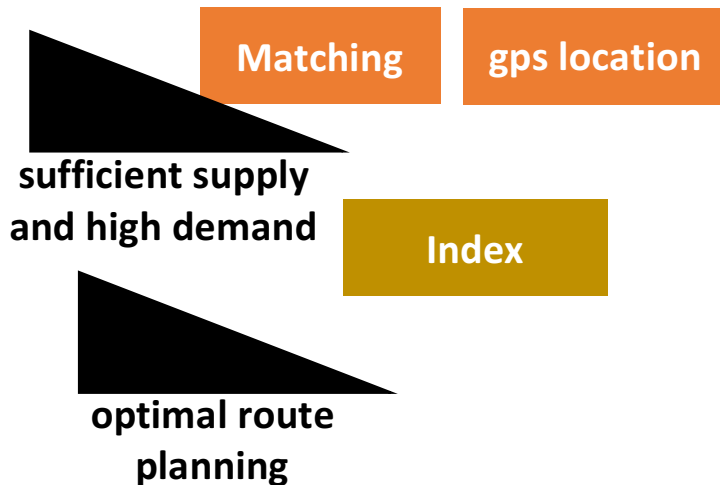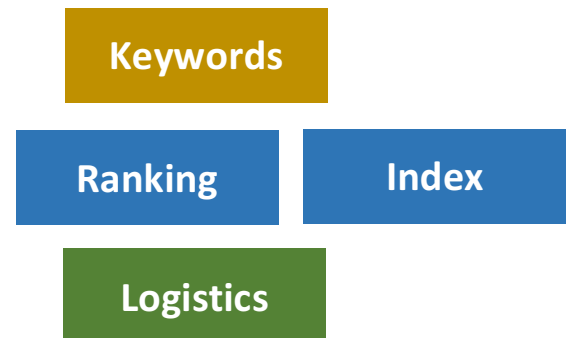
A wedge for the Uber company could be an optimal route planning system designed for car pool. At the moment, when the users request cars, they have the options to choose various types of cars with different prices. Car pool is one of the options and provides a relatively lower price. However, choosing car pool means that there might be multiple groups of people who are going to different places sitting in one car, therefore leading to the fact that the users' journey would be elongated. Hence, an optimal route planning system seems indispensable, as, ideally, it can quickly recognize a group of users who have duplicate routes and be able to plan out an optimal path in a short period of time. By shortening the time spent by the users in either waiting for the car or along the journey, it would definitely elevate its user experience to a higher level.