10/20
MAW:
We should be coding now.

Diogo:
Open for questions.
Hope we can start working. Start building and coding, D will start working to get more data for us, seasonality in the week. That is one day

Curve for the week on the Ride is
Sat and sun lowe ridership.
Wed is peak day.

See some diff futures inside the algorithm
Matching in the ride-share
How the low density impacts what we do

Extra analysis we can do out of that.

Not the scope but what we can seek from the data using whatever Algo we are using.

Question: Functionality for admins vs the regular mbta?

Admins: when building, set the parameters for some of the key parameters for the algo, for the peak of time. Peak of time window, time of the day, how much time you can be in the vehicle.
Allows us on demand to simulate scenarios.
Looking at which policies we need to change to make this more effective.
Set of initial rules on how the program runs right now.

Control and access whoever is using the program, login etc

Data
Anchor - A = Arrival, P = Peak at that time
A have to be at that destination at that time
P have to be at the origin at the request time.

Part of the problem is deciding if Uber is better than the Ride.
UBER Central and LYFT Concierge. Was designed before for large companies.

UBER LYFT TAXI split into 3 channels.

Split requests into 2 pools, core service, and external service.
Routes generated by us?

We provide the routes, they give to the drivers.

Website. Load the data to the site or separate server.
MOC set up that way.
Stick login on the front (simple) only Diogo and we can get into our particular instance.

- Best way to work, anything changes in our end. If we are in the middle and they upgrade our software etc avoid problems.

Upload files, transfer. Then download the output.
Output: request time, trip ID (to track the trip all the way to the end into reporting) keep it the same flowing through the system), request time, pick up address, drop off address. Rider id.
Trip id is related to ride id. With trip id we can back-track to whoever is traveling.

Route = collection of riders.
Sequence of pick up and drop off.
List of addresses with corresponding time.

Every vehicle from the ride should start and end in the garage at that address.

First and last drive not included in the cost.

Demand curve, fill in the supply to match that curve

Next meeting: show the results. Can look at the individual problems each group or team is facing, Diogo will try to help us with the details.