

REAL TIME PREDICTION FOR TAXI

TEAM 9

TRIP DURATIONS USING



BUSINESS PROBLEM



CAB SCHEDULING ISSUES

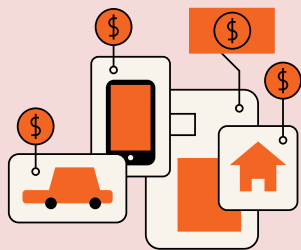


NO ESTIMATE OF PEAK-HOURS

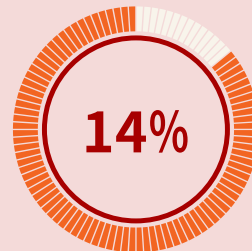


INACCURATE SURGE PRICING

We Utilized over 200 million records from New York City Open-Source Taxi data to build Machine learning models for predicting real-time trip durations in streaming fashion.



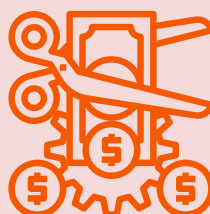
Uber Experiments
Suggest Trip duration
affects both
Customer and Driver
Experience.



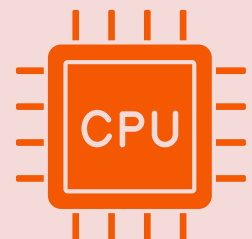
14% increase in
average weekly driver
revenues with
Accurate Surge
Pricing.



BEST IN NETWORK LATENCY

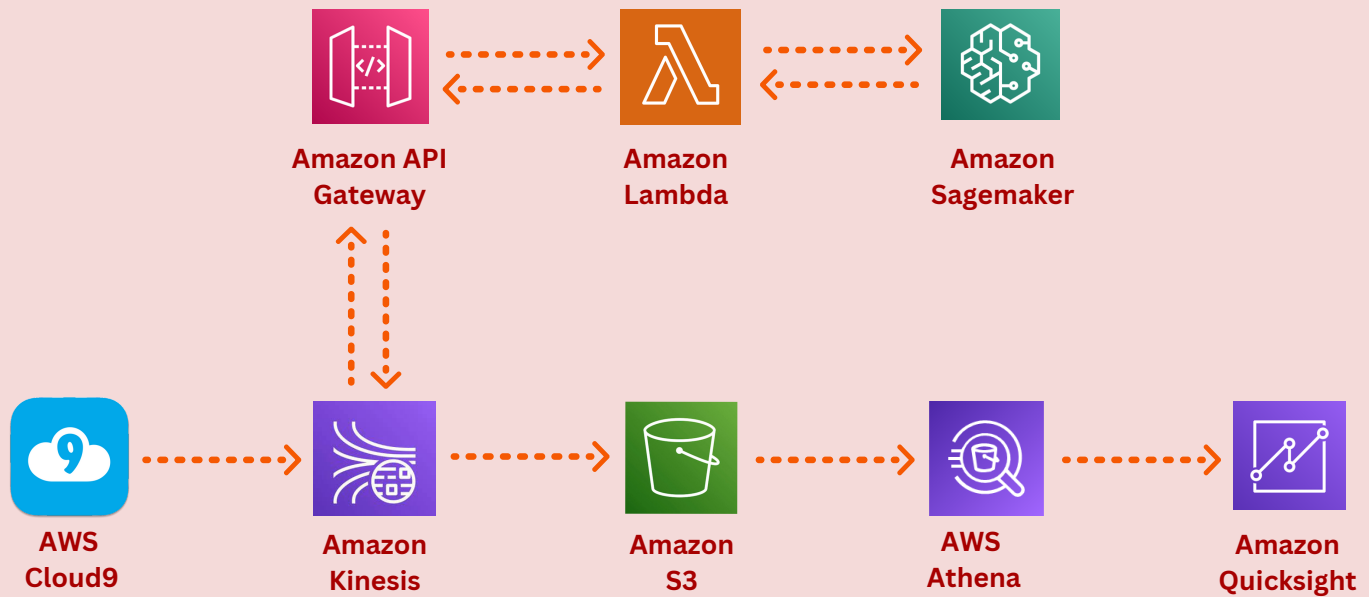


COST EFFICIENT

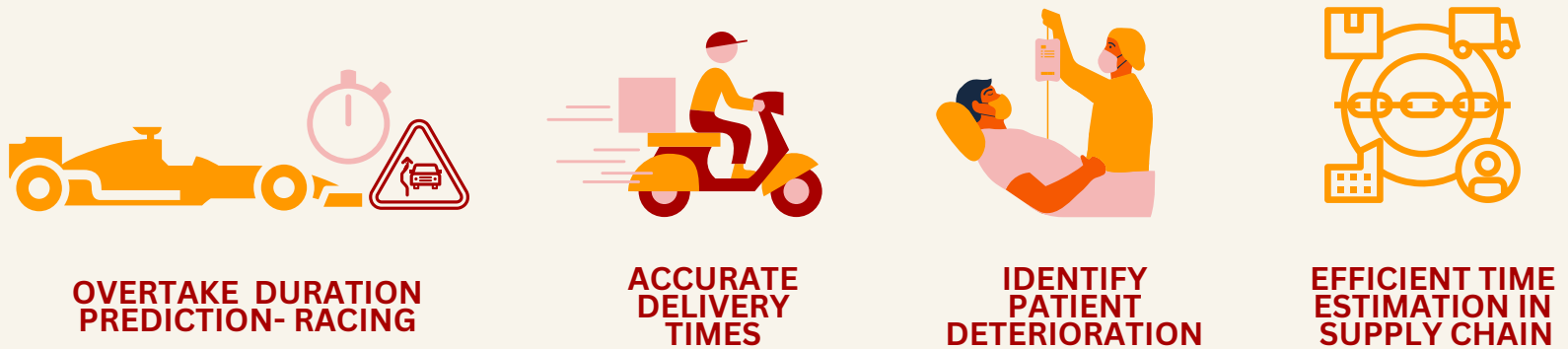


BETTER CPU PERFORMANCE

TECHNICAL ARCHITECTURE



INDUSTRY APPLICATIONS



BUSINESS



VALUE

TEAM 9

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YOUTUBE

