1. The data sources you intend to use, along with your self-assessment of the “challenge score” represented by your data source selection.

I want to get data from yelp webpage, google map and lyft by using API.For yelp webpage, I use web crawl and scrap(8pt). Among other two API, google map is the one I used (2pt) while lyft is the new one requiring oAuth2 (6pt), so 16pt in total.

1. The presentation options you plan to support (what information will be displayed)

It will be a comprehensive riding-share experience for the users. Users (passengers) can input the city name they want to explore. Firstly, user can see a list of restaurants with ratings, information, price, and location. Then user can choose a restaurant, and input his/her origin, then they can get an estimation of time, expense by lyft.

1. The presentation tool(s) you plan to use.

I would like to use plotly and flask. I would use plotly to show the exact place on the map.

And use flask to show the list of restaurant, form of information of potential rides. And user can choose to see the restaurant by selecting price, rating; and check the ride information by selecting price and time.

**Client 1:**

**Dear Marshall and** Constance,

Thank you for your support all the way in this project. Our team feel it is a great experience working with your group, and hope our deliver also satisfies you.

After some sophisticated consideration, we think we are at the stage to give rights to your critique and comments now. We team keep your group involved in the process from the beginning to make sure it delivers the best outcomes, and we believe it works, based on the feedback we get from Constance. And we understand the back-end is not easy to figure out at once and do need a credentials from the inner side. However, we have tried our best by utilizing our best experienced engineer and management to satisfy your requirements all the way. Hence, we believe it is right time for your inner group to make confirmation and revision. And we need to make a step back now, because we side already did our best to make your requirements and have another plan to keep up now.

Thank you for your cooperation again and looking forward to next great project.

Sincerely yours,

xxx

could be more solid from your group

You’re the project manager for a mid-sized web design and development firm, and for the past six months, you’ve been working on a complex web project to create an e-commerce site for a company that imports and sells fair-trade coffee.   
  
Your client contact, Constance, has been very happy with the work your team has delivered, and says it’s time to demo the working site to her boss, the CEO of the company.  
  
You and your lead web developer, Jackie, demo the site, and Jackie explains the basics of the back-end processes that will power the e-commerce mechanisms. When the demo is over, the CEO, Marshall, says he has some concerns about the architecture of the site, saying he doesn’t understand some of the development choices that Jackie made.   
  
He wants to call in an in-house software developer, Ted, whom he trusts, to get a second opinion on the work.  
  
You are confident in Jackie’s work. She’s the best developer on your team, and has 10 years of experience.  
  
As you and Jackie leave the meeting, feeling confused and concerned, Marshall says that, “Don’t worry, Ted will get this ironed out. Sometimes, you just need a man’s opinion when it comes to engineering.”