Topic Generating Questions

1. What topics interest you? Why?
   * Problem Statement: Creating a Recommendation system for Canadian restaurants or Tourist Attractions.
   * Canada is a popular tourist destination for many reasons, including its diverse landscapes, natural beauty, and cultural attractions. It is home to a wide variety of national parks and wilderness areas, as well as cities that offer a mix of history, culture, and modern amenities. If a new person wants to know about the city and its culture it recommends the best resources according to his interests.
2. What is the expected result?
   * This recommendation system for Canadian restaurants and tourist attractions can provide a valuable service to users, while also helping to promote and grow the local economy.
3. What industry are you interested in? Why?
   * The finance industry is a rapidly changing and data-driven industry, and the use of data science and machine learning techniques can lead to improved fraud detection, risk management, and customer segmentation. Additionally, the finance industry generates a large amount of data, which can be used to make better investment decisions and improve financial products and services.
4. What resources would be needed?
   * Firstly, we need to collect the data about restaurants and tourist attractions, including their location, ratings, reviews, and features.
   * Use machine learning techniques to build a model that can
   * predict which restaurants or attractions a user is likely to enjoy.
5. What is your motive?
   * The main motive of the project is to deploy a web or a mobile application, where users can access it and get personalised recommendations.
6. How will your project fill the “gap”?
   * The project can fill the gap by providing personalized recommendations to tourists, providing valuable insights to the Canadian tourism industry and providing learning opportunities to data science community.
7. How will it help you?
   * Guidebooks and Online directories such as Google Maps provide general information about places to visit and eat, but do not consider individual preferences and tastes. A recommendation system can personalize the experience for the user, providing suggestions that are more likely to be of interest to them.
8. How will it help others?
   * The recommendation system can help boost the tourism industry by making it easier for tourists to discover new places and experiences. This can lead to increased tourism and revenue for the industry as a whole.
   * Recommendation systems can assist government agencies in understanding the preferences of tourists and can inform them to develop tourism plans and policies accordingly.
9. What new challenges does it offer you?
   * The challenges it offers, when the system is first deployed, it may not have any information about the user. This can make it difficult to provide personalized recommendations.
   * The recommendation system may struggle to make recommendations for new users or items that have not been rated or reviewed before.
10. What will you learn?
    * By this recommendation system we can learn the different types of ML techniques that are required to Implement
    * Data Extraction and Data Implementation.
11. Which industry is ripe for revolution?
    * The system can provide valuable insights for restaurant owners and the tourism industry by identifying patterns and trends in customer preferences, which can inform marketing and business strategies.
12. Is it an analytics problem?
    * Yes, it is an Analytical Problem as it involves using data and analytical methods to understand the patterns of the data and make predictions for recommendations.
13. Is it already implemented?
    * No, it is not already Implemented.
14. What project areas have you worked on before?
    * We have worked on CRM dashboard, Uber-Cab Application.
15. What tech/algorithms would you be using?
    * Data Collection using Web scraping Technologies.
    * Database management such as MySQL or MongoDB
    * Data preprocessing using Python.
    * Techniques such as natural language processing (NLP) and computer vision can be used to extract meaningful features from the data