

**LKS-CHART DATA SCIENTIST INTERVIEW
APRIL 2018****DETAILS**

Date
Location 2 Queen Street East – 7th Floor
Name of Interviewee
Interviewers

SCHEDULE

Time	Location	Interviewers	Description
(1 hour)		All	Panel Interview: General and Case-Based
(15 minutes)		None	Jung Test

SUGGESTED INTERVIEW QUESTIONS

Muhammad to welcome candidate and provide a brief overview of the LKS-CHART (5 minutes).

General Questions (30 minutes)

1. What makes you a good fit for this position? Tell us about yourself, your background, and the type of position you're ideally looking for.
2. If I were to ask your friends and family, what would they say are your greatest strengths and challenges?
3. What sorts of things do you look for in an ideal work environment?

Case-Based Questions (15 minutes)

Case: we would like to predict adverse patient outcomes (e.g., death or transfer to the ICU). We have about 7 years of data on all St. Mike's patients in the Enterprise Data Warehouse (EDW). Examples of data that is recorded include vital statistics measurements (with a timestamp), consult notes (stored as text), and lab results.

Questions:

How would you approach the problem of predicting adverse patient outcomes?

How would you approach extracting the country of birth from text notes?

Follow up: Do you anticipate any problems with the approach?

Follow up: One problem that you might encounter is overfitting. What are some ways in which you could address this problem?

Wrap-Up (10 minutes)

Do you have any questions for us?

St. Michael's

Inspired Care.
Inspiring Science.

Li Ka Shing Centre for Healthcare
Analytics Research and Training

INTERVIEWER NOTES

INTERVIEWER RANKING

Please rank candidates on a 5 point scale:

- 1 – very poor
- 2 – poor
- 3 – adequate
- 4 – good
- 5 - exceptional

Communication

Ranking: _____

How well does the candidate communicate?

Problem Solving

Ranking: _____

How well did the candidate analyze and respond to the challenges/questions posed to them?

Technical

Ranking: _____

Is the candidate knowledgeable in data management and analysis? Does the candidate have a moderate understanding of data analysis as it relates to natural language processing?

Interpersonal

Ranking: _____

How well did the candidate interact with the interviewers (e.g. body language, tone of voice, gestures)? Is this candidate someone you would want to work with?

Total Score

_____ **20**