Below is the detail level ask from my team if we can get some sample source codes from the candidates as we want to be very efficient with everybody’s time.  If they are able to send me the source code or at least some sample source codes  what they have previously worked on , that would help us evaluate the candidate much faster .

Thanks,  
Pritam.

“

I need the following from each of the candidates you present. This is the prescreen.

You can create a GitHub account and a folder for your candidates and put the source files there for us to check and email us the link.

The excel file is attached.

There will be 3 outputs

1.      A html and java script file using the d3 library.

a.        It should contain a graph shown below.

b.      You can make the Excel file to a simpler format

c.       It should have a date filter for month.

d.      When I filter on month only those months should show

2.      Python script which creates the graph below as a PNG or JPEG file

a.       The full code an how I would execute as an Unix shell script on 2.79

b.      You can assume python is on the path

c.       The put will be the excel file Output should be the graph as a png file

d.      I should be able to specify the file name

e.       For SQL the following scripts.

3.      For redshift / Postgress

a.       Create an sql script for creating a table with correct types

b.      Write a script and text files as to how I will import this csv into the table

c.       Write an sql script for showing me the running sum of actuals

d.      Write an sql script showing the previous month vs current month difference of actuals.

e.       Write an sql script showing each row and the total sum of actuals in each row

f.        The python script will take the excel file and convert to a utf8 text csv file

g.      The unix shell script will remove the header row .

h.      The unix shell will create 12 files one for each month with no header row.

4.      For Tableau

a.       Take the Excel file and recreate the graph below

b.      Ask the candidate to publish it as an extracted tableau packaged workbook

c.       The months on the filter should only hide not filter the values.

