Data Visualization QBS 180

Quiz 2

1. Use case when statements to create “Enrollment group” in the table Phonecall
2. Insert EnrollmentGroup=Clinical Alert :code is 125060000
3. Insert EnrollmentGroup =Health Coaching :code is 125060001
4. Insert EnrollmentGroup =Technixal Question: Code is 125060002
5. Insert EnrollmentGroup =Administrative: Code is 125060003
6. Insert EnrollmentGroup =Other: Code is 125060004
7. Insert EnrollmentGroup =Lack of engagement : Code is 125060005

A picture containing text

Description automatically generated

1. Obtain the # of records for each enrollment group



1. Merge the Phone call encounter table with Call duration table.

﻿SELECT \* FROM CallDuration f

left join

dbo.PhoneCall\_Encounter o

on

o.CustomerId= f. ﻿tri\_CustomerIDEntityReference

Graphical user interface, text

Description automatically generated

1. Graphical user interface, text, application, email

   Description automatically generatedFind out the # of records for different call outcomes and call type. Use 1-Inbound and 2-Outbound, for call types; use 1-No response,2-Left voice mail and 3 successful. Please also find the call duration for each of the enrollment groups

Graph on next page

Chart, bar chart

Description automatically generated

Chart, histogram

Description automatically generated Graphical user interface, text, application, email

Description automatically generated



1. Create a donut chart showing the various enrollments status. What is the % population of each status

Chart

Description automatically generated A picture containing timeline

Description automatically generated

1. Graph a trend plot of # of members enrolled into ImagineCare from March 2016 until December 2016.Forecast the # of members who would enroll into ImagineCare for the next 12. Draw trendlines

Chart, line chart

Description automatically generated