**Internet Services for Senior citizens**

**D205 Data Acquisition: performance Assessment**

**By Josue Gonzalez**

A.  what type of internet service do senior customers tend to have?

B.  Create an entity relationship diagram (ERD) for the add-on CSV file and any other tables and columns used to answer the question from part A by evaluating the data contained in the file and identifying the m:n relationships and relational constraints.

1.  CREATE TABLE public.service

(

customer\_id character varying(30) COLLATE pg\_catalog.”default” Not NULL,

internetservice

Phone

“multiple “

online\_security

online\_protection

device\_protection

tech\_support

Constraint service\_pkey PRIMARY KEY (customer\_id)

)

TABLESPACE pg\_default;

ALTER TABLE public.service

OWNER to postgress;

2.  Write SQL code, in text format, that loads the data from one of the add-on CSV files into the table created in part B1.

Note: Do not include SQL code as a screenshot.

C.  Write a SQL statement or statements in text format for a query or queries that answer the question from part A.

Note: Do not include SQL statements as a screenshot.

1.  Provide a data file or files that capture the results from the query or queries.

D.  Identify the specific time period for how often the add-on file should be acquired and refreshed in the database for the data to remain relevant to the business and the question from part A.

1.  Explain why the time period identified in part D is relevant to the business needs.

E.  Provide a Panopto video recording that includes the presenter and a vocalized demonstration showing all code used, the code being executed, and the results of all code used in the task.

1.  Include a vocalized demonstration within the Panopto video recording provided in part E that describes the programs used to complete the task.

Note: For instructions on how to access and use Panopto, use the "Panopto How-To Videos" web link provided below. To access Panopto's website, navigate to the web link titled "Panopto Access" and then choose to log in using the “WGU” option. If prompted, log in using your WGU student portal credentials, and then it will forward you to Panopto’s website.

To submit your recording, upload it to the Panopto drop box titled “Master of Science, Data Analytics TGM2 | D205 (Student Creators) [assignments]." Once the recording has been uploaded and processed in Panopto's system, retrieve the URL of the recording from Panopto and copy and paste it into the Links option. Upload the remaining task requirements using the Attachments option.

F.  Acknowledge web sources used to acquire data or segments of third-party code to support the application. Be sure the web sources are reliable.

Note: Submit web sources for part F separate from the sources in part G, or state none were used.

G.  Acknowledge sources, using in-text citations and references, for content that is quoted, paraphrased, or summarized.

H.  Demonstrate professional communication in the content and presentation of your submission.

A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated