Table 1

SELECT AVG(CAST(CAST("FQ\_Temp\_1"."age" AS BIGINT OR NULL) AS DOUBLE PRECISION OR NULL)) AS "avg:age:ok",

AVG(CAST(CAST("FQ\_Temp\_1"."children" AS BIGINT OR NULL) AS DOUBLE PRECISION OR NULL)) AS "avg:children:ok",

AVG(CAST("FQ\_Temp\_1"."income" AS DOUBLE PRECISION OR NULL)) AS "avg:income:ok",

AVG(CAST("FQ\_Temp\_1"."tenure (customer)" AS DOUBLE PRECISION OR NULL)) AS "avg:tenure (customer):ok",

AVG(CAST(CAST("FQ\_Temp\_1"."yearly\_equip\_faiure" AS BIGINT OR NULL) AS DOUBLE PRECISION OR NULL)) AS "avg:yearly\_equip\_faiure:ok",

"FQ\_Temp\_1"."churn" AS "churn"

FROM "db2002"."TableauTemp"."Telcom\_churn\_prepared#csv" "Telcom\_churn\_prepared.csv"

LEFT JOIN "public"."Tableau\_54\_548151A4-808E-4B39-82AB-822B71B3E426\_1\_FQ\_Temp\_1" "FQ\_Temp\_1" ON ("Telcom\_churn\_prepared.csv"."gender" = "FQ\_Temp\_1"."gender")

WHERE ((NOT ("Telcom\_churn\_prepared.csv"."Churn" IS NULL)) AND ("FQ\_Temp\_1"."churn" IN ('No', 'Yes')))

GROUP BY 6

"SELECT ""customer"".""age"" AS ""age"",

""customer"".""children"" AS ""children"",

CAST(""customer"".""churn"" AS TEXT) AS ""churn"",

CAST(""customer"".""gender"" AS TEXT) AS ""gender"",

""customer"".""income"" AS ""income"",

""customer"".""tenure"" AS ""tenure (customer)"",

""customer"".""yearly\_equip\_faiure"" AS ""yearly\_equip\_faiure""

FROM ""public"".""customer"" ""customer"""

Table 2

SELECT AVG(CAST(CAST("FQ\_Temp\_1"."age" AS BIGINT OR NULL) AS DOUBLE PRECISION OR NULL)) AS "avg:age:ok",

AVG(CAST(CAST("FQ\_Temp\_1"."children" AS BIGINT OR NULL) AS DOUBLE PRECISION OR NULL)) AS "avg:children:ok",

AVG(CAST("FQ\_Temp\_1"."income" AS DOUBLE PRECISION OR NULL)) AS "avg:income:ok",

AVG(CAST("FQ\_Temp\_1"."tenure (customer)" AS DOUBLE PRECISION OR NULL)) AS "avg:tenure (customer):ok",

AVG(CAST(CAST("FQ\_Temp\_1"."yearly\_equip\_faiure" AS BIGINT OR NULL) AS DOUBLE PRECISION OR NULL)) AS "avg:yearly\_equip\_faiure:ok",

"FQ\_Temp\_1"."churn" AS "churn"

FROM "db2002"."TableauTemp"."Telcom\_churn\_prepared#csv" "Telcom\_churn\_prepared.csv"

LEFT JOIN "public"."Tableau\_54\_548151A4-808E-4B39-82AB-822B71B3E426\_1\_FQ\_Temp\_1" "FQ\_Temp\_1" ON ("Telcom\_churn\_prepared.csv"."gender" = "FQ\_Temp\_1"."gender")

WHERE ((NOT ("Telcom\_churn\_prepared.csv"."Churn" IS NULL)) AND ("FQ\_Temp\_1"."churn" IN ('No', 'Yes')))

GROUP BY 6

"SELECT CAST(""customer"".""gender"" AS TEXT) AS ""gender""

FROM ""public"".""customer"" ""customer"""

Table 3

"SELECT ""Telcom\_churn\_prepared.csv"".""Churn"" AS ""Churn"",

""Telcom\_churn\_prepared.csv"".""TotalCharges"" AS ""TotalCharges"",

AVG(CAST(""Telcom\_churn\_prepared.csv"".""MonthlyCharges"" AS DOUBLE PRECISION OR NULL)) AS ""avg:MonthlyCharges:ok""

FROM ""db2002"".""TableauTemp"".""Telcom\_churn\_prepared#csv"" ""Telcom\_churn\_prepared.csv""

RIGHT JOIN ""public"".""Tableau\_76\_EE64E27A-CAE8-45DC-8CF3-F4D798A01945\_1\_FQ\_Temp\_1"" ""FQ\_Temp\_1"" ON (""Telcom\_churn\_prepared.csv"".""gender"" = ""FQ\_Temp\_1"".""gender"")

GROUP BY 1,

2"

"SELECT CAST(MIN(""FQ\_Temp\_1"".""age"") AS BIGINT OR NULL) AS ""lower:none:age:qk"",

CAST(MAX(""FQ\_Temp\_1"".""age"") AS BIGINT OR NULL) AS ""upper:none:age:qk""

FROM ""db2002"".""TableauTemp"".""Telcom\_churn\_prepared#csv"" ""Telcom\_churn\_prepared.csv""

FULL JOIN ""public"".""Tableau\_74\_C9FC2789-A743-4F14-9254-BBBA7FDBD4EA\_1\_FQ\_Temp\_1"" ""FQ\_Temp\_1"" ON (""Telcom\_churn\_prepared.csv"".""gender"" = ""FQ\_Temp\_1"".""gender"")"

"SELECT ""customer"".""age"" AS ""age"",

CAST(""customer"".""gender"" AS TEXT) AS ""gender""

FROM ""public"".""customer"" ""customer""

WHERE ((""customer"".""age"" >= 19) AND (""customer"".""age"" <= 89))"

"SELECT ""customer"".""age"" AS ""age"",

CAST(""customer"".""gender"" AS TEXT) AS ""gender""

FROM ""public"".""customer"" ""customer"""

Table 4

"SELECT AVG(CAST(""FQ\_Temp\_1"".""tenure (customer)"" AS DOUBLE PRECISION OR NULL)) AS ""avg:tenure (customer):ok"",

""FQ\_Temp\_1"".""bandwidth\_gp\_year"" AS ""bandwidth\_gp\_year"",

""FQ\_Temp\_1"".""churn"" AS ""churn""

FROM ""db2002"".""TableauTemp"".""Telcom\_churn\_prepared#csv"" ""Telcom\_churn\_prepared.csv""

RIGHT JOIN ""public"".""Tableau\_86\_DA64948F-4FFE-43C1-A4B3-EF3754D5015E\_1\_FQ\_Temp\_1"" ""FQ\_Temp\_1"" ON (""Telcom\_churn\_prepared.csv"".""gender"" = ""FQ\_Temp\_1"".""gender"")

GROUP BY 2,

3"

"SELECT CAST(MIN(""FQ\_Temp\_1"".""age"") AS BIGINT OR NULL) AS ""lower:none:age:qk"",

CAST(MAX(""FQ\_Temp\_1"".""age"") AS BIGINT OR NULL) AS ""upper:none:age:qk""

FROM ""db2002"".""TableauTemp"".""Telcom\_churn\_prepared#csv"" ""Telcom\_churn\_prepared.csv""

FULL JOIN ""public"".""Tableau\_84\_28042771-745D-4126-910A-7625E31D7E31\_1\_FQ\_Temp\_1"" ""FQ\_Temp\_1"" ON (""Telcom\_churn\_prepared.csv"".""gender"" = ""FQ\_Temp\_1"".""gender"")"

"SELECT ""customer"".""age"" AS ""age"",

""customer"".""bandwidth\_gp\_year"" AS ""bandwidth\_gp\_year"",

CAST(""customer"".""churn"" AS TEXT) AS ""churn"",

CAST(""customer"".""gender"" AS TEXT) AS ""gender"",

""customer"".""tenure"" AS ""tenure (customer)""

FROM ""public"".""customer"" ""customer""

WHERE ((""customer"".""age"" >= 18) AND (""customer"".""age"" <= 89))"

"SELECT ""customer"".""age"" AS ""age"",

CAST(""customer"".""gender"" AS TEXT) AS ""gender""

FROM ""public"".""customer"" ""customer"""

Table 5

"SELECT ""Telcom\_churn\_prepared.csv"".""Churn"" AS ""Churn"",

""Telcom\_churn\_prepared.csv"".""TechSupport"" AS ""TechSupport"",

COUNT(""FQ\_Temp\_1"".""age"") AS ""cnt:age:ok""

FROM ""db2002"".""TableauTemp"".""Telcom\_churn\_prepared#csv"" ""Telcom\_churn\_prepared.csv""

INNER JOIN ""public"".""Tableau\_96\_866DCDED-AF37-427A-9031-24C0D2D43DF5\_1\_FQ\_Temp\_1"" ""FQ\_Temp\_1"" ON (""Telcom\_churn\_prepared.csv"".""gender"" = ""FQ\_Temp\_1"".""gender"")

WHERE (NOT (""Telcom\_churn\_prepared.csv"".""TechSupport"" IS NULL))

GROUP BY 1,

2"

"SELECT MIN(""FQ\_Temp\_1"".""monthly\_charge"") AS ""lower:none:monthly\_charge:qk"",

MAX(""FQ\_Temp\_1"".""monthly\_charge"") AS ""upper:none:monthly\_charge:qk""

FROM ""db2002"".""TableauTemp"".""Telcom\_churn\_prepared#csv"" ""Telcom\_churn\_prepared.csv""

FULL JOIN ""public"".""Tableau\_94\_EAFB3348-8B07-4EB2-933E-C8A2FF56EAE7\_1\_FQ\_Temp\_1"" ""FQ\_Temp\_1"" ON (""Telcom\_churn\_prepared.csv"".""gender"" = ""FQ\_Temp\_1"".""gender"")"

"SELECT ""customer"".""age"" AS ""age"",

CAST(""customer"".""gender"" AS TEXT) AS ""gender"",

""customer"".""monthly\_charge"" AS ""monthly\_charge""

FROM ""public"".""customer"" ""customer""

WHERE ((""customer"".""monthly\_charge"" >= 79.978859999999997) AND (""customer"".""monthly\_charge"" <= 290.16041899999999))"

"SELECT CAST(""customer"".""gender"" AS TEXT) AS ""gender"",

""customer"".""monthly\_charge"" AS ""monthly\_charge""

FROM ""public"".""customer"" ""customer"""

Table 6

"SELECT ""Telcom\_churn\_prepared.csv"".""Churn"" AS ""Churn"",

SUM(CAST(""FQ\_Temp\_1"".""yearly\_equip\_faiure"" AS BIGINT OR NULL)) AS ""sum:yearly\_equip\_faiure:ok"",

""FQ\_Temp\_1"".""techie"" AS ""techie""

FROM ""db2002"".""TableauTemp"".""Telcom\_churn\_prepared#csv"" ""Telcom\_churn\_prepared.csv""

LEFT JOIN ""public"".""Tableau\_105\_104FF3E1-CD0B-48DB-8A74-CF11E80B7D05\_1\_FQ\_Temp\_1"" ""FQ\_Temp\_1"" ON (""Telcom\_churn\_prepared.csv"".""gender"" = ""FQ\_Temp\_1"".""gender"")

WHERE (NOT (""Telcom\_churn\_prepared.csv"".""Churn"" IS NULL))

GROUP BY 1,

3"

"SELECT ""Telcom\_churn\_prepared.csv"".""gender"" AS ""gender""

FROM ""db2002"".""TableauTemp"".""Telcom\_churn\_prepared#csv"" ""Telcom\_churn\_prepared.csv""

FULL JOIN ""public"".""Tableau\_106\_F543AA05-E4AD-41F3-B374-CC322C398189\_1\_FQ\_Temp\_1"" ""FQ\_Temp\_1"" ON (""Telcom\_churn\_prepared.csv"".""gender"" = ""FQ\_Temp\_1"".""gender"")

GROUP BY 1

ORDER BY ""gender"" ASC NULLS FIRST"

"SELECT CAST(""customer"".""gender"" AS TEXT) AS ""gender""

FROM ""public"".""customer"" ""customer"""

"SELECT CAST(""customer"".""gender"" AS TEXT) AS ""gender"",

CAST(""customer"".""techie"" AS TEXT) AS ""techie"",

""customer"".""yearly\_equip\_faiure"" AS ""yearly\_equip\_faiure""

FROM ""public"".""customer"" ""customer"""

Create table:

CREATE TABLE public.customer

(

customer\_id text COLLATE pg\_catalog."default" NOT NULL,

lat numeric,

lng numeric,

population integer,

children integer,

age integer,

income numeric,

marital text COLLATE pg\_catalog."default",

churn text COLLATE pg\_catalog."default",

gender text COLLATE pg\_catalog."default",

tenure numeric,

monthly\_charge numeric,

bandwidth\_gp\_year numeric,

outage\_sec\_week numeric,

email integer,

contacts integer,

yearly\_equip\_faiure integer,

techie text COLLATE pg\_catalog."default",

port\_modem text COLLATE pg\_catalog."default",

tablet text COLLATE pg\_catalog."default",

job\_id integer,

payment\_id integer,

contract\_id integer,

location\_id integer,

CONSTRAINT customer\_pkey PRIMARY KEY (customer\_id),

CONSTRAINT customer\_contract\_id\_fkey FOREIGN KEY (contract\_id)

REFERENCES public.contract (contract\_id) MATCH SIMPLE

ON UPDATE NO ACTION

ON DELETE NO ACTION

NOT VALID,

CONSTRAINT customer\_job\_id\_fkey FOREIGN KEY (job\_id)

REFERENCES public.job (job\_id) MATCH SIMPLE

ON UPDATE NO ACTION

ON DELETE NO ACTION

NOT VALID,

CONSTRAINT customer\_location\_id\_fkey FOREIGN KEY (location\_id)

REFERENCES public.location (location\_id) MATCH SIMPLE

ON UPDATE NO ACTION

ON DELETE NO ACTION

NOT VALID,

CONSTRAINT customer\_payment\_id\_fkey FOREIGN KEY (payment\_id)

REFERENCES public.payment (payment\_id) MATCH SIMPLE

ON UPDATE NO ACTION

ON DELETE NO ACTION

NOT VALID

)

TABLESPACE pg\_default;

ALTER TABLE public.customer

OWNER to postgres;

CREATE TABLE public."Telecom\_churn\_preared"

(

"customerID" "char",

gender "char",

"SeniorCitizen" integer,

"Partner" "char",

"Dependents" "char",

tenure integer,

"PhoneService" "char",

"MultipleLines" "char",

"InternetService" "char",

"OnlineSecurity" "char",

"OnlineBackup" "char",

"DeviceProtection" "char",

"TechSupport" "char",

"StreamingTV" "char",

"StreamingMovies" "char",

"Contract" "char",

"PaperlessBilling" "char",

"PaymentMethod" "char",

"MonthlyCharges" integer,

"TotalCharges" "char",

"Churn" "char",

PRIMARY KEY ("customerID")

);

ALTER TABLE public."Telecom\_churn\_prepared"

OWNER to postgres;

