Data Summary

Patient ID number is recorded in all txt files as PK\_PATIENT

## blood\_pressure.txt

blood\_pressure\_date: Date that data was recorded.

systolic: Pressure in arteries when heart is beating. Normal is less than 120, elevated is between 120 and 129, and high is higher than 130

diastolic: Pressure in arteries when heart is resting between beats. Normal and elevated blood pressures are typically below 80 diastolic while high blood pressure is higher than 80.

## cholesterol.txt

cholesterol: Measurement of total cholesterol level, in mg/dL. Healthy is under 200 mg/dL, at risk is 200-239 mg/dL, and dangerous is 240 mg/dL or higher

cholesterol\_date: Date that data was recorded.

## creatine\_clearance.txt

creatinine\_clearance: Volume of blood plasma cleared of creatinine. Typically measured by mL/min. Typical range for males is 97 to 137 mL/min, for females it's 88 to 128 mL/min.

creatinine\_clearance\_date: Date that data was recorded.

## creatine.txt

creatinine: A waste product generated from energy-producing processes in the muscles. Kidneys filter it out of blood after which it is expelled in urine. Typically measured in mg/mL. Normal result is 0.7 to 1.3 mg/dL for men, 0.6 to 1.1 mg/dL for women.

creatinine\_date: Date that data was recorded.

## demogra\_10192022.txt

BIRTH\_DATE: Date of birth of patient.

DEATH\_DATE: Date of death of patient. If patient is not dead, date defaults to 1900/01/01

AGE: Age of patient.

SEX: Biological sex of patient.

DVP\_REG\_CODE

DVP\_PRO\_CODEO

TYPE\_USER: User classification. COTIZANTE-Contributor, BENEFICIARIO-Beneficiary, NINGUNO-None/NA

CENTER\_ID: ID number of the center

## diagnosis.txt

CODIGO\_DIAG

FECPRC

## formulas\_en.xlsx

TENSIÓN ARTERIAL-Arterial tension. Measured between SISTÓLICA (Systolic) and DIASTÓLICA (Diastolic), and categorized into Normal Pressure, Pre-Hypertension, and Hypertension Grades 1 through 3. For Systolic, the ranges in order are: 80-120 for normal, 120-139 for Pre-Hypertension, 140-159 for Hypertension Grade 1, 160-179 for Hypertension Grade 2, 180 to 300 for Hypertension Grade 3. For Diastolic, the ranges are: 50-80 for normal, 80-89 for Pre-Hypertension, 90-99 for Hypertension Grade 1, 100-109 for Hypertension Grade 2, and 110-300 for Hypertension Grade 3.

IMC-Spanish for BMI, shows the ranges for BAJO PESO (Underweight, 1-18.49), PESO NORMAL (Normal Weight, 18.5-24.99), and OBESIDAD (Obesity, 25-29.99) GRADO (Grades) I through III (in order, 30-34.99, 35-39.99, and 40 and above)

## glycated\_hemoglobin.txt

glycated\_hemoglobin: Marker of blood glucose control over the previous 3 months. Measured as either HbA1c % or mmol/L (measurement appears to be the latter). Normal range is less than 5.7% for HbA1c and 6.5 mmol/L, prediabetes is 5.7%-6.4% for HbA1c and 6.5-7.6 mmol/L, and Diabetes range with increases complications the higher the level is more than 6.4% for HbA1c and more than 7.6 mmol/L.

glycated\_hemoglobin\_date: Date that data was recorded.

## glycemia.txt

glycemia: Measurement of glucose in blood. Typically measured in either mmol/L or mg/dL, data appears to be recorded in the latter. If it's a fasting blood test, normal range is between 70 and 100 mg/dL. A random blood glucose test will have the normal result be 125 mg/dL or less.

glycemia\_date: Date that data was recorded.

## HDL\_high-density\_lipoprotein.txt

HDL\_high-density\_lipoprotein: Measurement of HDL in blood. Typically measured in either mmol/L or mg/dL, data appears to be recorded in the latter. In adults, normal is above 60 mg/dL, at risk is between 40 to 60 mg/dL, and dangerous is below 40 mg/dL.

HDL\_high-density\_lipoprotein\_date: Date that data was recorded.

## height.txt

height\_date: Date that data was recorded.

height: Height of patient. Default value was -1. Taller people are at greater risk of cancer, which according to the Journal of Cancer Research and Clinical Oncology, the hazard ratio for developing cancer was 1.11 (95% CI 1.09–1.13) for every 10 cm increase in body height among women and 1.06 (95% CI 1.04–1.08) among men.

## LDL\_low-density\_lipoprotein.txt

LDL\_low-density\_lipoprotein: Measurement of LDL in blood. Typically measured in either mmol/L or mg/dL, data appears to be recorded in the latter. Normal is under 100 mg/dL, at risk was 100-159 mg/dL, and dangerous was above 160 mg/dL.

LDL\_low-density\_lipoprotein\_date: Date that data was recorded.

## microalbuminuria.txt

microalbuminuria: Measurement of the increase of albumin in urine. Unit of measurement varies depending on method of measurement, data table doesn't specify. For 24 hour urine test, normal is less than 30 mg/24 hours, 30-300 mg/24 hours for microalbuminuria, and above 300 mg/24 hours for macroalbuminuria. For Urinary albumin concentration test, it's less than 20 mg/L for normal range, 20-200 mg/L for microalbuminuria, and above 200 mg/L for macroalbuminuria

microalbuminuria\_date: Date that data was recorded.

## triglycerides.txt

triglycerides: Most common type of fat in the human body, comes from foods and extra unused calories. Measured in mg/dL. For adults the normal range is less than 150 mg/dL, between 150 and 199 mg/dL for borderline, and above 200 mg/dL for high. For children and teens (ages 10-19), it's considered normal for their triglyceride levels to be below 90 mg/dL.

triglycerides\_date: Date that data was recorded.

## weight.txt

weight\_date: Date that data was recorded. The healthy ranges for this depends on Body Mass Index from combining this with Height.

weight: Weight of patient. Appears to be in kilograms scale though data table does not specify.