**DETAILS ON VARIABLES ON XLS DOCX.**

*Demographic Data:*

1. **Age** (Numerical)
   * The age of the patient in years.
2. **Family History (FHx)** (Categorical)
   * Indicates whether the patient has a family history of eye diseases (e.g., yes or no).

*OCT (Optical Coherence Tomography) Data:*

1. **Intra Ocular Pressure (IOP)** (Numerical)
   * The fluid pressure inside the eye, measured in mmHg.
2. **Vertical Cup–Disc Ratio (vCD)** (Numerical)
   * The ratio of the vertical diameter of the optic cup to the optic disc.
3. **Horizontal Cup–Disc Ratio (hCD)** (Numerical)
   * The ratio of the horizontal diameter of the optic cup to the optic disc.
4. **Rim Area** (Numerical)
   * The area of the neuroretinal rim around the optic disc, measured in mm².
5. **Disc Area** (Numerical)
   * The area of the optic disc, measured in mm².
6. **Cup Volume (CupVol)** (Numerical)
   * The volume of the optic cup, measured in mm³.
7. **Cup Area** (Numerical)
   * The area of the optic cup, measured in mm².
8. **Rim Volume (RimVol)** (Numerical)
   * The volume of the neuroretinal rim, measured in mm³.
9. **Nerve Head Volume (NH\_Vol)** (Numerical)
   * The volume of the optic nerve head, measured in mm³.
10. **Average Retinal Nerve Fiber Layer Thickness (AvRNFL\_t)** (Numerical)
    * The average thickness of the retinal nerve fiber layer, measured in micrometers (µm).
11. **Average Superior Thickness (AvSUP\_t)** (Numerical)
    * The average thickness of the superior part of the RNFL, measured in µm.
12. **Average Inferior Thickness (AvINF\_t)** (Numerical)
    * The average thickness of the inferior part of the RNFL, measured in µm.
13. **Average Nasal Thickness (AvNAS\_t)** (Numerical)
    * The average thickness of the nasal part of the RNFL, measured in µm.
14. **Average Temporal Thickness (AvTEMP\_t)** (Numerical)
    * The average thickness of the temporal part of the RNFL, measured in µm.
15. **Temporal Up RNFL Thickness (TU\_rnfl)** (Numerical)
    * The thickness of the upper temporal part of the RNFL, measured in µm.
16. **Superior Temporal RNFL Thickness (ST\_rnfl)** (Numerical)
    * The thickness of the superior temporal part of the RNFL, measured in µm.
17. **Superior Nasal RNFL Thickness (SN\_rnfl)** (Numerical)
    * The thickness of the superior nasal part of the RNFL, measured in µm.
18. **Nasal Up RNFL Thickness (NU\_rnfl)** (Numerical)
    * The thickness of the upper nasal part of the RNFL, measured in µm.
19. **Nasal Low RNFL Thickness (NL\_rnfl)** (Numerical)
    * The thickness of the lower nasal part of the RNFL, measured in µm.
20. **Inferior Nasal RNFL Thickness (IN\_rnfl)** (Numerical)
    * The thickness of the inferior nasal part of the RNFL, measured in µm.
21. **Inferior Temporal RNFL Thickness (IT\_rnfl)** (Numerical)
    * The thickness of the inferior temporal part of the RNFL, measured in µm.
22. **Temporal Low RNFL Thickness (TL\_rnfl)** (Numerical)
    * The thickness of the lower temporal part of the RNFL, measured in µm.
23. **Average Ganglion Cell Complex Thickness (AvGCC\_t)** (Numerical)
    * The average thickness of the ganglion cell complex, measured in µm.
24. **Average Superior GCC Thickness (AvSupGCC\_t)** (Numerical)
    * The average thickness of the superior part of the ganglion cell complex, measured in µm.
25. **Average Inferior GCC Thickness (AvInfGCC\_t)** (Numerical)
    * The average thickness of the inferior part of the ganglion cell complex, measured in µm.
26. **Focal Loss Volume Percent (FLV%)** (Numerical)
    * The percentage of localized loss in the ganglion cell complex.
27. **Global Loss Volume Percent (GLV%)** (Numerical)
    * The percentage of global loss in the ganglion cell complex.

*Visual Field Test (VFT) Data:*

1. **Mean Deviation of Visual Field Test (MD\_vft)** (Numerical)
   * The average deviation of the visual field test results from normal, measured in dB.
2. **Pattern Standard Deviation of Visual Field Test (PSD\_vft)** (Numerical)
   * The standard deviation of the visual field test results, indicating irregularities, measured in dB.

*Clinical Diagnosis Data:*

1. **Hospital Diagnosis by Clinician (Dx\_Hos)** (Categorical)
   * The diagnosis made by a clinician at the hospital, typically a categorical variable indicating the presence or absence of a condition (e.g., **glaucoma, suspect, or non-glaucoma**).
2. **HPA\_Class (**Categorical**)**

* This is a severity classification of the disease based on the degree of functional damage. It is directly related to the MD\_vft and categorized into four groups, ie **normal, early, moderate, and severe**

1. **GCCGSS\_Class** (Categorical)

* This is a severity classification of the disease based on the degree of structural damage to the nerves. It is directly related to the AvGCC\_t and GLV% and categorized into six groups, ie **normal, suspect, early, mild, moderate, and advanced**

1. **RGSS\_Class** (Categorical)

* This is a severity classification of the disease based on the combined degree of structural and functional damage caused by the disease. It is directly related to the AvGCC\_t and MD\_vft and categorized into six groups, ie **normal, suspect, early, mild, moderate, and advanced**