

LIST OF PROBLEM STATEMENTS

TITLE: Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy

1. Jaya who is a Diabetic Retinopathy patient needs to check her severity level because she is afraid whether she is maintaining the sugar level.
2. Priya who is a teacher by profession needs a way to ensure herself that she is not suffering from Diabetic Retinopathy by taking up a test which is cost efficient and time saving.
3. Dr. Ramamurthy is an ophthalmologist by profession needs away to diagnose a patient with Diabetic Retinopathy using some technology so that he can handle them remotely.
4. Imai is an Eye care hospital which needs to diagnose patients with Diabetic Retinopathy quickly and accurately because they want to implement advanced technology by replacing doctors with AI systems in diagnosis.
5. Suba, an entrepreneur has a business trip scheduled within a week whose mother is suffering from diabetic – retinopathy who needs an efficient ways to take test quickly.