

Problem Statements on ML by using AI_KOSH data sets

Problem statement 34 - Predicting Eligibility for using Machine Learning

The Challenge:

The National Social Assistance Program (**NSAP**) is a flagship social security and welfare program by the Government of India. It aims to provide financial assistance to the elderly, widows, and persons with disabilities belonging to below-poverty-line (BPL) households. The program consists of several sub-schemes, each with specific eligibility criteria.

Manually verifying applications and assigning the correct scheme can be a time-consuming and error-prone process. Delays or incorrect allocation can prevent deserving individuals from receiving timely financial aid.

Your task is to design, build, and evaluate a multi-class classification model that can accurately predict the most appropriate NSAP scheme for an applicant based on their demographic and socio-economic data. The goal is to create a reliable tool that could assist government agencies in quickly and accurately categorizing applicants, ensuring that benefits are delivered to the right people efficiently.

AI Kosh dataset link –

[https://aikosh.indiaai.gov.in/web/datasets/details/district wise pension data under the national social assistance programme nsap 1.html](https://aikosh.indiaai.gov.in/web/datasets/details/district%20wise%20pension%20data%20under%20the%20national%20social%20assistance%20programme%20nsap%201.html)

Technology – Use of IBM cloud lite services is mandatory.