

# **Step-by-Step Guide: Predicting Eligibility for NSAP Schemes using IBM AutoAI**

Step 1: Sign up / Log in to IBM Cloud (<https://cloud.ibm.com>).

Step 2: Create a Watson Studio service in IBM Cloud (region: Dallas).

Step 3: Open Watson Studio and create a new Project (Type: Data Science).

Step 4: Add a Data Asset (Upload the NSAP dataset CSV file).

Step 5: Go to AutoAI and create an experiment.

Step 6: When prompted, choose 'No' for Time Series Analysis (since this is classification, not forecasting).

Step 7: Select your uploaded dataset as the Data Source.

Step 8: Choose the correct Target Column (e.g., Eligible / Scheme Name column).

Step 9: Run the AutoAI experiment – it will automatically test multiple ML models and rank them.

Step 10: Review the leaderboard and pick the best-performing model.

Step 11: Deploy the model as a web service (API) for integration with applications.

Step 12: Test the model by giving new applicant data and checking predicted scheme eligibility.