Proposed Model

```
                    ( START )
                        |
                ┌───────────────┐
                │ IMPORT DATASET │
                └───────────────┘
                        |
              ┌─────────────────────┐
              │ DATA PRE-PROCESSING │
              └─────────────────────┘
                        |
                ┌───────────────┐
                │ DATA SPLITTING │
                └───────────────┘
```

START

IMPORT DATASET

DATA PRE-PROCESSING

DATA SPLITTING

TESTING ← ... → TRAINING & VALIDATION

TRAINING\VALIDATION DATAPREPROCESSING

PARAMETERS TUNING

PRE-PROCESSING PARAMETERS

BEST PARAMETERS

AUTOMATIC VARIABLE SELECTION

TEST DATA PRE-PROCESSING

ERROR ESTIMATION

BEST VARIABLE SUBSETS

GENERALIZATION TESTING

SELECTION OF FINAL MODEL