# Undersampling-based\_Logit

item: ('0-Attrition', '1-JobSatisfaction') , 0.152

item: ('0-Attrition', '2-JobSatisfaction') , 0.159

item: ('1-Attrition',) , 0.161

item: ('3000', 'No') , 0.175

item: ('0-Attrition', '3000') , 0.182

item: ('2-JobSatisfaction',) , 0.190

item: ('1-JobSatisfaction',) , 0.197

item: ('0-Attrition', 'Yes') , 0.197

item: ('0-Attrition', '3-JobSatisfaction', 'No') , 0.197

item: ('0-Attrition', '4-JobSatisfaction', 'No') , 0.201

item: ('4-JobSatisfaction', 'No') , 0.216

item: ('3-JobSatisfaction', 'No') , 0.218

item: ('3000',) , 0.246

item: ('0-Attrition', '3-JobSatisfaction') , 0.251

item: ('0-Attrition', '4-JobSatisfaction') , 0.277

item: ('Yes',) , 0.283

item: ('3-JobSatisfaction',) , 0.301

item: ('4-JobSatisfaction',) , 0.312

item: ('0-Attrition', 'No') , 0.642

item: ('No',) , 0.717

item: ('0-Attrition',) , 0.839

------------------------ RULES:

Rule: ('4-JobSatisfaction',) ==> ('0-Attrition', 'No') , 0.643

Rule: ('3-JobSatisfaction',) ==> ('0-Attrition', 'No') , 0.654

Rule: ('4-JobSatisfaction',) ==> ('No',) , 0.691

Rule: ('Yes',) ==> ('0-Attrition',) , 0.695

Rule: ('3000',) ==> ('No',) , 0.710

Rule: ('0-Attrition', '4-JobSatisfaction') ==> ('No',) , 0.725

Rule: ('3-JobSatisfaction',) ==> ('No',) , 0.726

Rule: ('3000',) ==> ('0-Attrition',) , 0.738

Rule: ('0-Attrition',) ==> ('No',) , 0.766

Rule: ('1-JobSatisfaction',) ==> ('0-Attrition',) , 0.772

Rule: ('0-Attrition', '3-JobSatisfaction') ==> ('No',) , 0.783

Rule: ('3-JobSatisfaction',) ==> ('0-Attrition',) , 0.835

Rule: ('2-JobSatisfaction',) ==> ('0-Attrition',) , 0.836

Rule: ('4-JobSatisfaction',) ==> ('0-Attrition',) , 0.887

Rule: ('No',) ==> ('0-Attrition',) , 0.896

Rule: ('3-JobSatisfaction', 'No') ==> ('0-Attrition',) , 0.900

Rule: ('No', '4-JobSatisfaction') ==> ('0-Attrition',) , 0.931

# Oversampling-based\_Logit

item: ('3-JobInvolvement', '3-JobSatisfaction', '0-Attrition') , 0.151

item: ('1-JobSatisfaction', '0-Attrition') , 0.152

item: ('Divorced', 'No') , 0.155

item: ('2-JobSatisfaction', '0-Attrition') , 0.159

item: ('1-Attrition',) , 0.161

item: ('3-JobInvolvement', '0-Attrition', 'Single') , 0.161

item: ('No', 'Married', '3-JobInvolvement', '0-Attrition') , 0.166

item: ('3-JobInvolvement', 'Yes') , 0.167

item: ('3-JobInvolvement', '4-JobSatisfaction', '0-Attrition') , 0.168

item: ('3-JobInvolvement', '3-JobSatisfaction') , 0.179

item: ('3-JobSatisfaction', 'No', '0-Attrition') , 0.180

item: ('2-JobInvolvement', 'No') , 0.184

item: ('3-JobInvolvement', '4-JobSatisfaction') , 0.187

item: ('0-Attrition', 'No', 'Single') , 0.190

item: ('2-JobSatisfaction',) , 0.190

item: ('3-JobInvolvement', 'Single') , 0.190

item: ('Divorced', '0-Attrition') , 0.192

item: ('Married', '3-JobInvolvement', 'No') , 0.192

item: ('1-JobSatisfaction',) , 0.196

item: ('No', '4-JobSatisfaction', '0-Attrition') , 0.199

item: ('2-JobInvolvement', '0-Attrition') , 0.207

item: ('3-JobSatisfaction', 'No') , 0.213

item: ('Divorced',) , 0.222

item: ('Married', '3-JobInvolvement', '0-Attrition') , 0.225

item: ('4-JobSatisfaction', 'No') , 0.227

item: ('No', 'Single') , 0.230

item: ('Yes', '0-Attrition') , 0.235

item: ('3-JobSatisfaction', '0-Attrition') , 0.251

item: ('2-JobInvolvement',) , 0.255

item: ('0-Attrition', 'Single') , 0.263

item: ('Married', '3-JobInvolvement') , 0.265

item: ('4-JobSatisfaction', '0-Attrition') , 0.277

item: ('Married', 'No', '0-Attrition') , 0.281

item: ('Yes',) , 0.283

item: ('3-JobSatisfaction',) , 0.300

item: ('4-JobSatisfaction',) , 0.312

item: ('Single',) , 0.320

item: ('Married', 'No') , 0.331

item: ('3-JobInvolvement', '0-Attrition', 'No') , 0.363

item: ('Married', '0-Attrition') , 0.383

item: ('3-JobInvolvement', 'No') , 0.422

item: ('Married',) , 0.458

item: ('3-JobInvolvement', '0-Attrition') , 0.505

item: ('3-JobInvolvement',) , 0.590

item: ('No', '0-Attrition') , 0.604

item: ('No',) , 0.717

item: ('0-Attrition',) , 0.838

------------------------ RULES:

Rule: ('No', '0-Attrition') ==> ('3-JobInvolvement',) , 0.601

Rule: ('3-JobSatisfaction', '0-Attrition') ==> ('3-JobInvolvement',) , 0.602

Rule: ('0-Attrition',) ==> ('3-JobInvolvement',) , 0.603

Rule: ('4-JobSatisfaction', '0-Attrition') ==> ('3-JobInvolvement',) , 0.607

Rule: ('Single', '0-Attrition') ==> ('3-JobInvolvement',) , 0.612

Rule: ('Married',) ==> ('0-Attrition', 'No') , 0.615

Rule: ('3-JobInvolvement',) ==> ('No', '0-Attrition') , 0.615

Rule: ('Married', '3-JobInvolvement') ==> ('0-Attrition', 'No') , 0.626

Rule: ('4-JobSatisfaction',) ==> ('0-Attrition', 'No') , 0.636

Rule: ('Divorced',) ==> ('No',) , 0.697

Rule: ('3-JobSatisfaction',) ==> ('No',) , 0.710

Rule: ('3-JobInvolvement',) ==> ('No',) , 0.715

Rule: ('4-JobSatisfaction', '0-Attrition') ==> ('No',) , 0.717

Rule: ('3-JobSatisfaction', '0-Attrition') ==> ('No',) , 0.718

Rule: ('3-JobInvolvement', '0-Attrition') ==> ('No',) , 0.719

Rule: ('2-JobInvolvement',) ==> ('No',) , 0.720

Rule: ('0-Attrition',) ==> ('No',) , 0.720

Rule: ('Single', '0-Attrition') ==> ('No',) , 0.721

Rule: ('Single',) ==> ('No',) , 0.721

Rule: ('Married',) ==> ('No',) , 0.724

Rule: ('Married', '3-JobInvolvement') ==> ('No',) , 0.726

Rule: ('4-JobSatisfaction',) ==> ('No',) , 0.728

Rule: ('Married', '0-Attrition') ==> ('No',) , 0.734

Rule: ('Married', '3-JobInvolvement', '0-Attrition') ==> ('No',) , 0.737

Rule: ('1-JobSatisfaction',) ==> ('0-Attrition',) , 0.772

Rule: ('2-JobInvolvement',) ==> ('0-Attrition',) , 0.811

Rule: ('Single', 'No') ==> ('0-Attrition',) , 0.823

Rule: ('Single',) ==> ('0-Attrition',) , 0.823

Rule: ('Yes',) ==> ('0-Attrition',) , 0.829

Rule: ('3-JobSatisfaction',) ==> ('0-Attrition',) , 0.835

Rule: ('2-JobSatisfaction',) ==> ('0-Attrition',) , 0.836

Rule: ('Married',) ==> ('0-Attrition',) , 0.838

Rule: ('No',) ==> ('0-Attrition',) , 0.843

Rule: ('3-JobSatisfaction', 'No') ==> ('0-Attrition',) , 0.844

Rule: ('3-JobInvolvement', '3-JobSatisfaction') ==> ('0-Attrition',) , 0.844

Rule: ('3-JobInvolvement', 'Single') ==> ('0-Attrition',) , 0.846

Rule: ('Married', '3-JobInvolvement') ==> ('0-Attrition',) , 0.849

Rule: ('Married', 'No') ==> ('0-Attrition',) , 0.850

Rule: ('3-JobInvolvement',) ==> ('0-Attrition',) , 0.856

Rule: ('3-JobInvolvement', 'No') ==> ('0-Attrition',) , 0.860

Rule: ('Married', '3-JobInvolvement', 'No') ==> ('0-Attrition',) , 0.862

Rule: ('Divorced',) ==> ('0-Attrition',) , 0.862

Rule: ('4-JobSatisfaction', 'No') ==> ('0-Attrition',) , 0.874

Rule: ('4-JobSatisfaction',) ==> ('0-Attrition',) , 0.887

Rule: ('3-JobInvolvement', '4-JobSatisfaction') ==> ('0-Attrition',) , 0.898

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