



Theory Assignment Report

Only for course Teacher						
		Needs Improvement	Developing	Sufficient	Above Average	Total Mark
Allocate mark & Percentage		25%	50%	75%	100%	5
Clarity	1					
Content Quality	2					
Spelling & Grammar	1					
Organization and Formatting	1					
Total obtained mark						
Comments						

Semester: Spring 25

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Batch: 38th

Section: A

Course Code: SE442

Course Name: Management Information System

Course Teacher Name: Dr. Imran Mahmud

Designation: Professor & Head

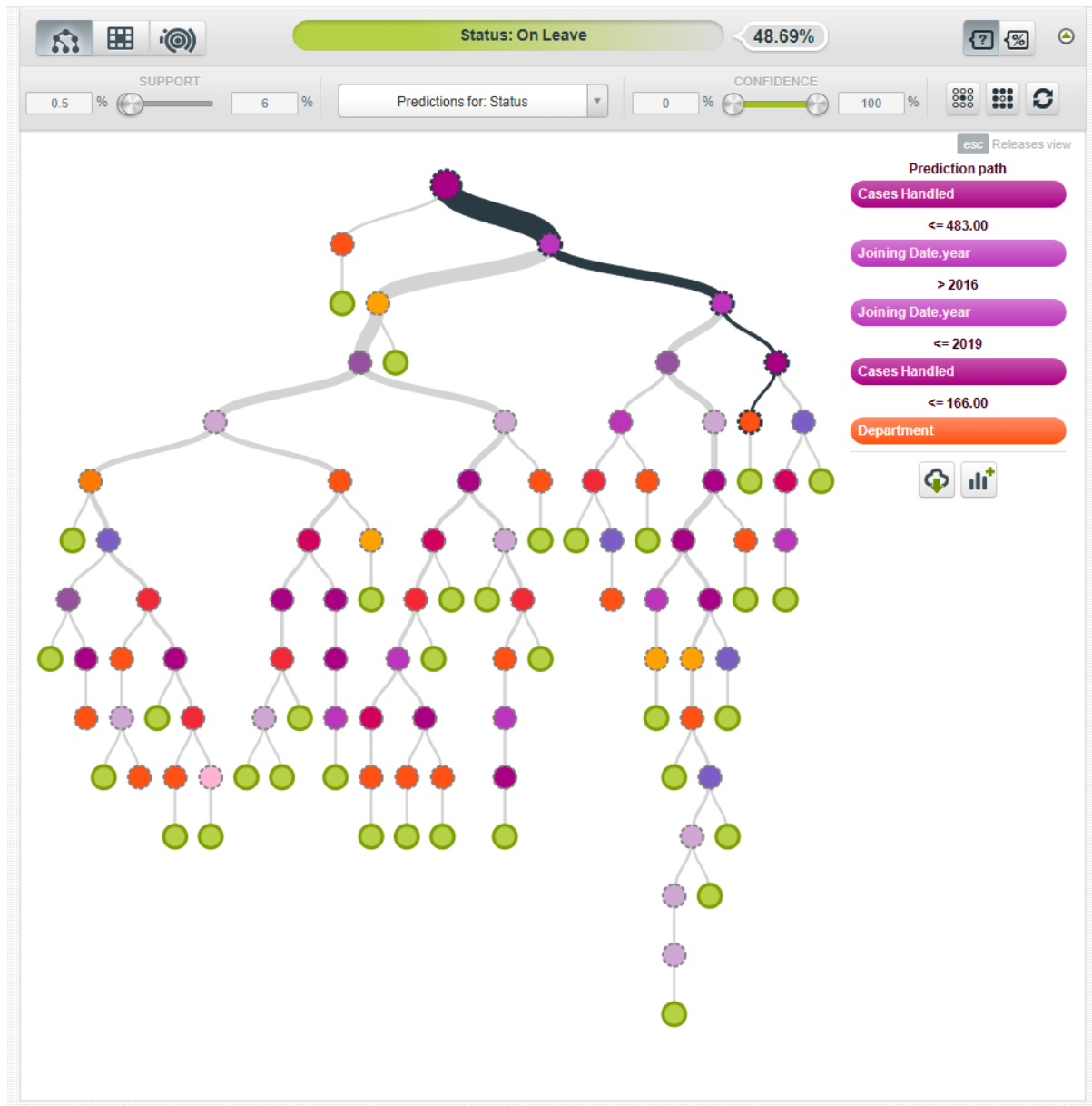
Submission Date: 24/04/2025

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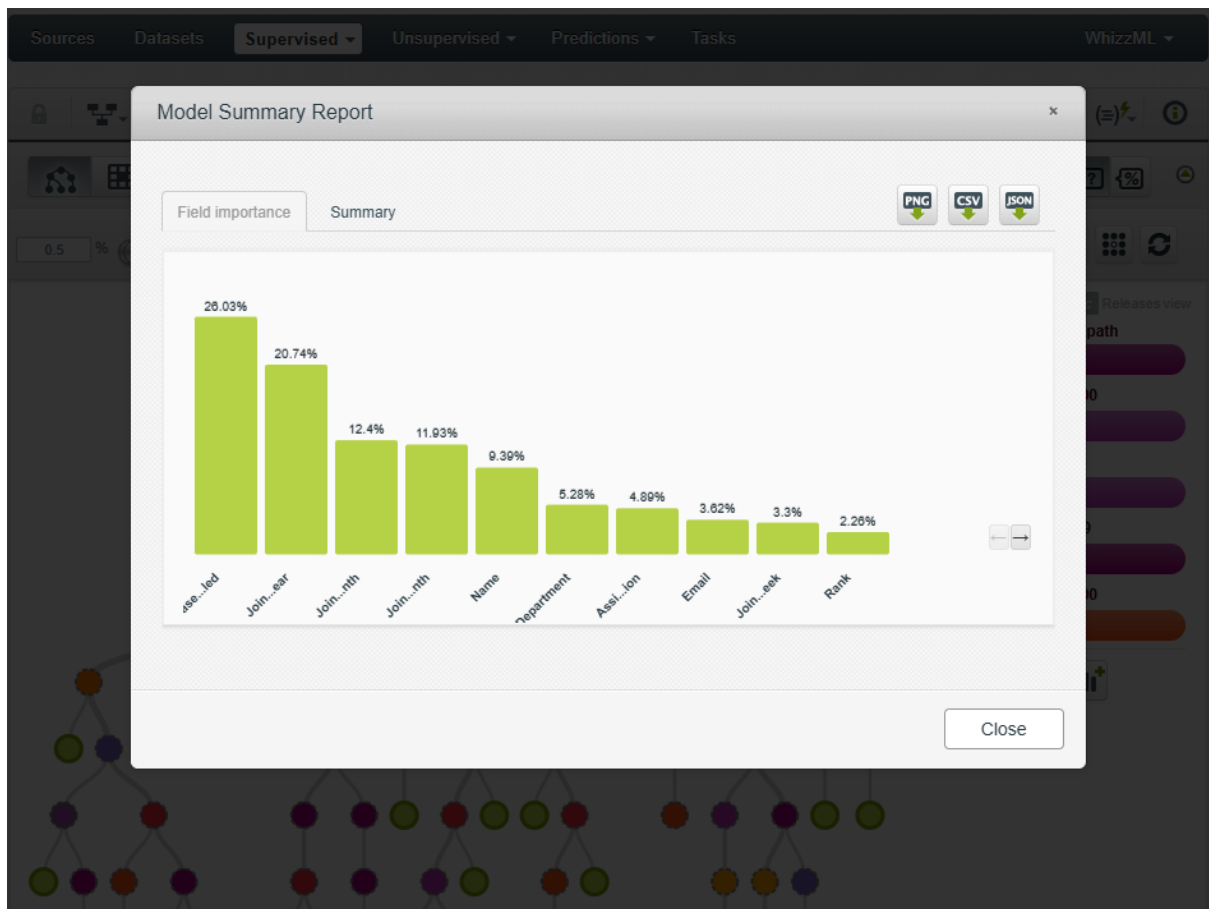
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Police Department Data Analysis

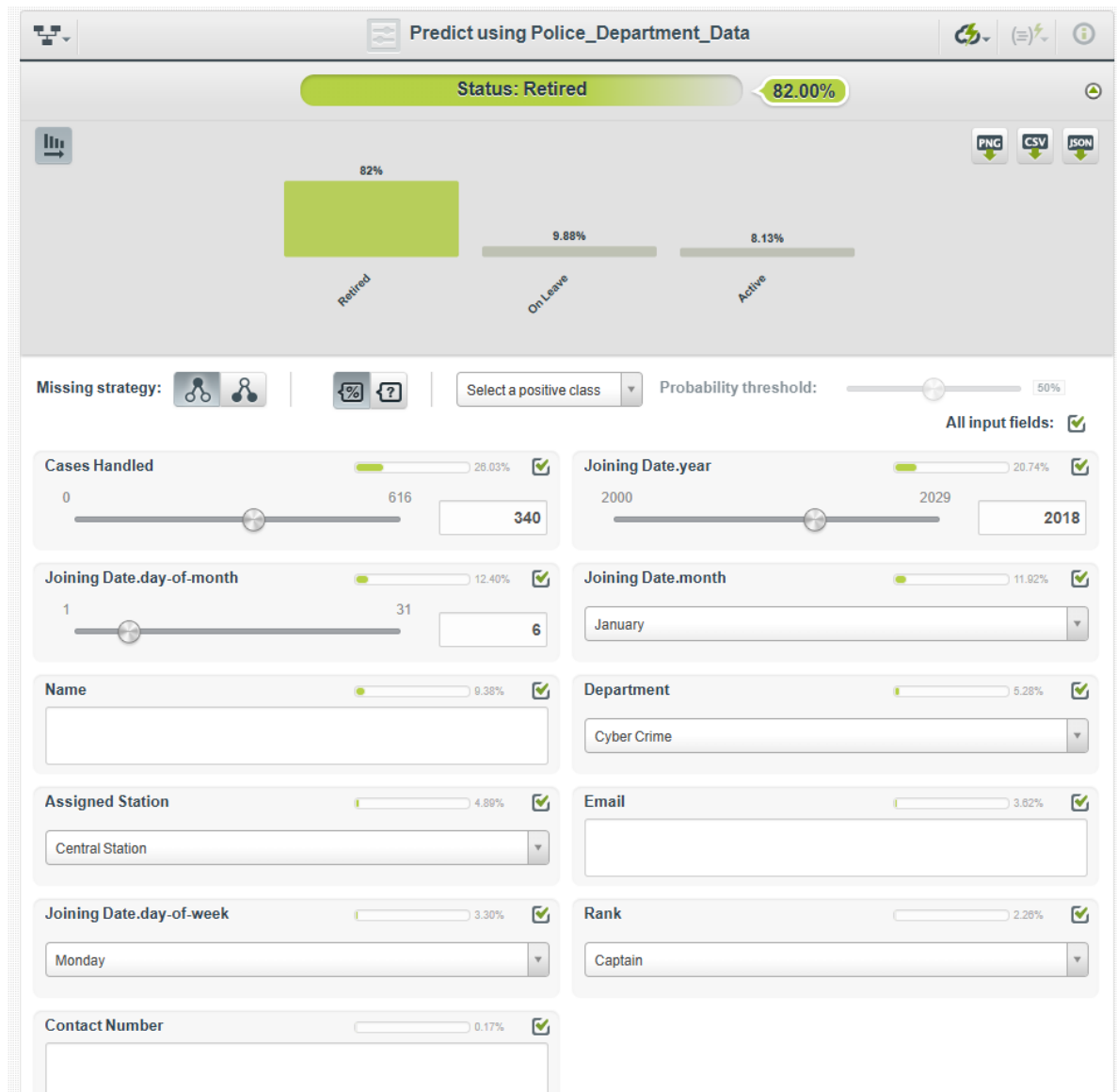
Decision Tree (BigML)



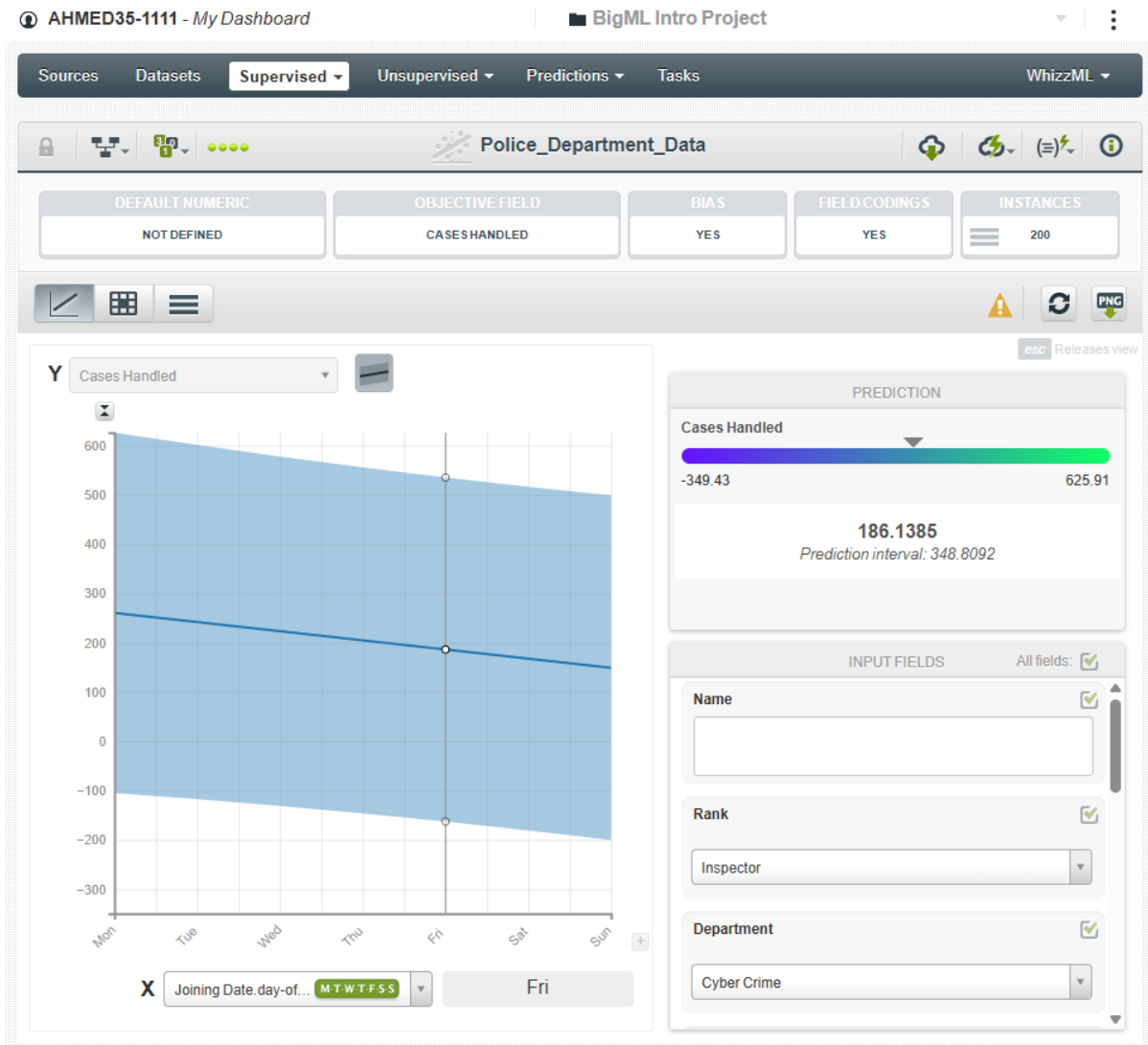
Decision Tree Report Summary



Decision Tree Predict



Linear Regression (BigML)



Linear Regression Important Features

AHMED35-1111 - My Dashboard | BigML Intro Project

Sources Datasets **Supervised** Unsupervised Predictions Tasks WhizzML

Police_Department_Data

DEFAULT NUMERIC: NOT DEFINED | OBJECTIVE FIELD: CASES HANDLED | BIAS: YES | FIELD CODINGS: YES | INSTANCES: 200

VARIABLES: Filter bias or predictors

Bias and predictors	Type	Coefficients
Bias	1 2 3	5502.33000
Name = michael	text	-305.22400
Name = james	text	95.87110
Name = johnson	text	146.36900
Name = smith	text	356.12900
Name = garcia	text	23.39660
Name = william	text	-29.73800
Name = christopher	text	42.21190
Name = dds	text	-385.87200
Name = jonathan	text	-351.49100
Name = lopez	text	708.14100
Name = matthew	text	-359.30900
Name = scott	text	18.54660
Name = stephen	text	-116.51200
Name = taylor	text	-94.90400

Linear Regression Prediction

SourcesDatasetsSupervised ▼Unsupervised ▼Predictions ▼TasksWhizzML ▼

Predict using Police_Department_Data

Cases Handled: 324.19

387.82

All input fields: ☒

Name☒

Rank☒

Department☒

Assigned Station☒

Contact Number☒

Email☒

Status☒

Joining Date.year☒

Joining Date.month☒

Joining Date.day-of-month☒

Joining Date.day-of-week☒

Captain

Homicide

Central Station

Active

20002029

2014

January

131

1

Monday

New prediction name

Police_Department_Data

Save