

EXPERIMENT TRACKING WITH MLFLOW

FOR

GENDER PREDICTION

The gender dataset consists of 4981 rows and 7 features and one class label.

- * long_hair : it is 1 if he/she has long hair or 0 if he/she haven't
- * forehead_width_cm : forehead width in cm
- * forehead_height_cm : forehead height in cm
- * nose_long : it is 1 if he/she has a long nose or 0 if he/she haven't
- * nose_wide : it is 1 if he/she has a wide nose or 0 if he/she haven't
- * lips_thin : it is 1 if he/she has thin lips or 0 if he/she haven't
- * distance_nose_to_lip_long: it is 1 if there is a long distance between lips and nose or 0 if there isn't this long distance between them
- * Gender (Target column): We will use the other 7 features of the dataset in order to make inferences and predictions regarding the gender of any given individual.

****USED KNN CLASSIFIER FOR MODEL PREDICTION****

OBSERVATIONS

mlflow2.3.1

ExperimentsModels

GitHub

Gender Prediction

Provide Feedback

Experiment ID: 257650019004833626Artifact Location: mlflow-artifacts/257650019004833626

Description

Edit

USING KNN CLASSIFIER

Table view

Chart view

metrics.rmse < 1 and params.model = "tree"

Sort: Created

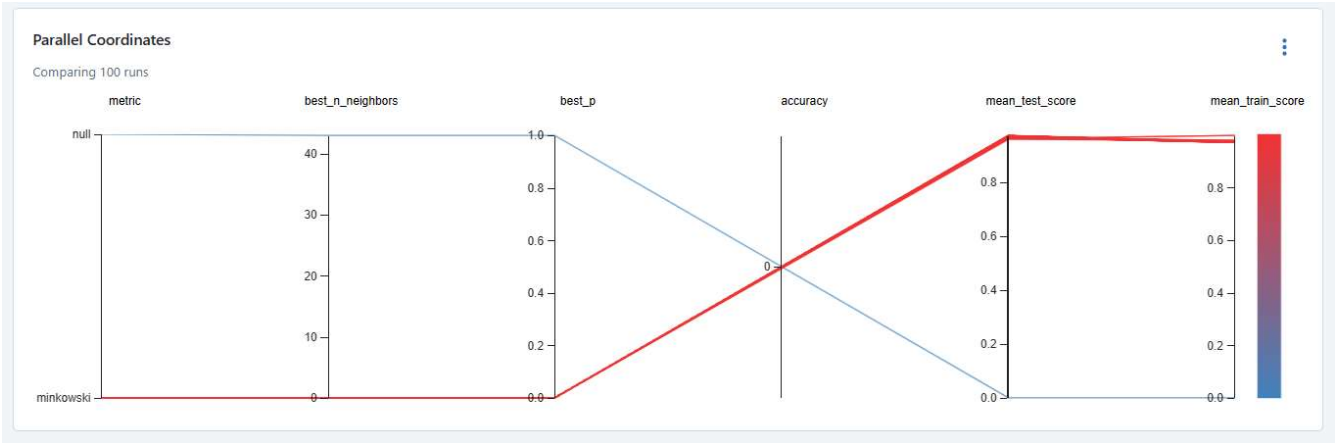
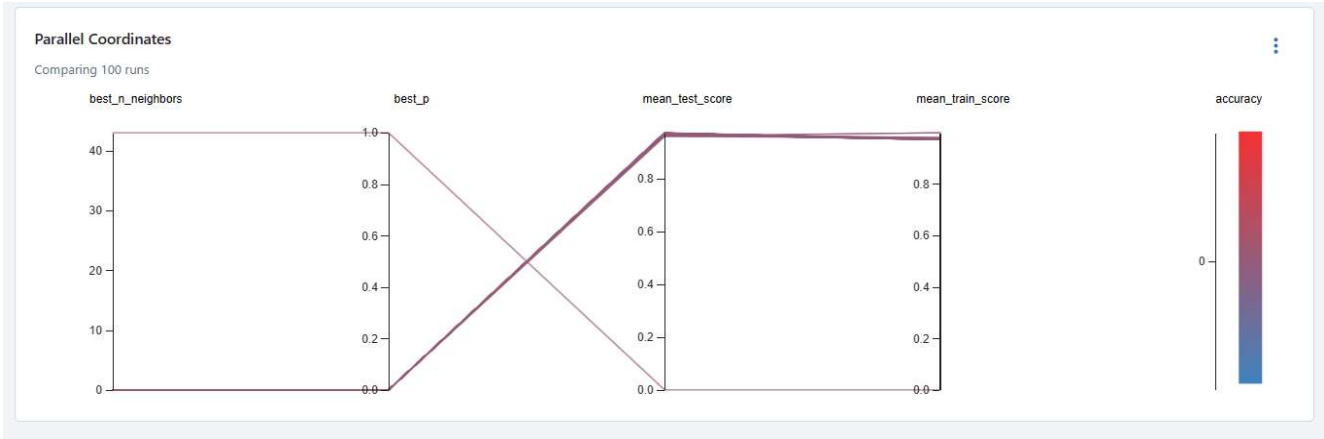
Columns

Time created: All time

State: Active

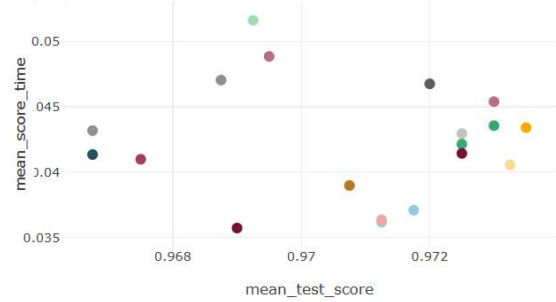
		Metrics			Parameters							
	Run Name	Created	Duration	best_cv_score	mean_test_score	mean_train_score	estimator	leaf_size	metric	n_neighbors	p	
	tasteful-sponge-76	36 minutes ago	2.0min	0.974	-	-	KNeighbors...	-	-	-	-	
	secretive-tern-351	36 minutes ago	1.9min	-	0.971	0.974	-	30	minkowski	26	2	
	gaudy-foal-715	36 minutes ago	1.9min	-	0.973	0.974	-	30	minkowski	50	1	
	able-panda-497	36 minutes ago	1.9min	-	0.969	0.973	-	30	minkowski	21	2	
	adaptable-kite-271	36 minutes ago	1.9min	-	0.972	0.974	-	30	minkowski	42	2	
	defiant-cat-344	36 minutes ago	1.9min	-	0.97	0.975	-	30	minkowski	9	1	
	invincible-wolf-580	36 minutes ago	1.9min	-	0.969	0.972	-	30	minkowski	14	1	
	luminous-grub-150	36 minutes ago	1.9min	-	0.972	0.974	-	30	minkowski	37	1	
	casual-finch-925	36 minutes ago	1.9min	-	0.973	0.974	-	30	minkowski	39	1	

100 matching runs



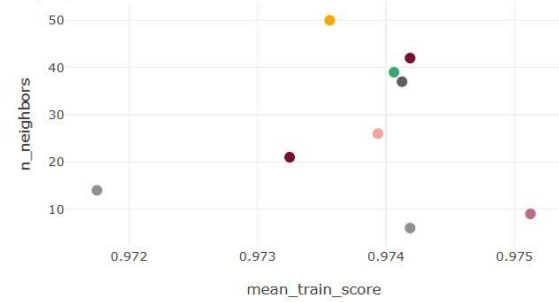
mean_test_score vs. mean_score_time

Comparing first 20 runs



mean_train_score vs. n_neighbors

Comparing first 10 runs



mean_test_score vs. mean_train_score vs. n_neighbors

Comparing first 10 runs

