

Count of Row

414,767

Count of PN

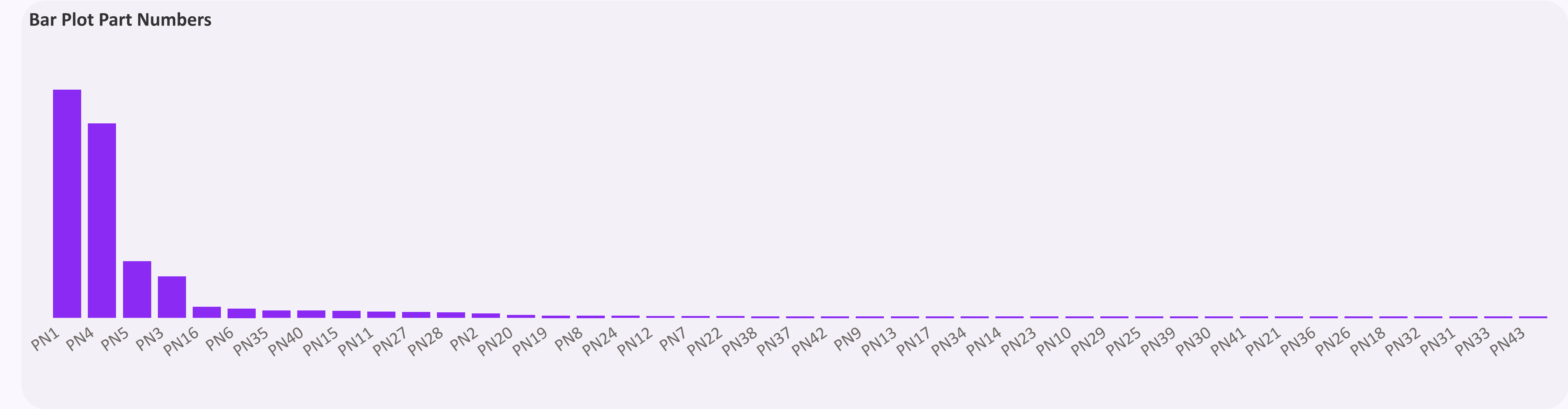
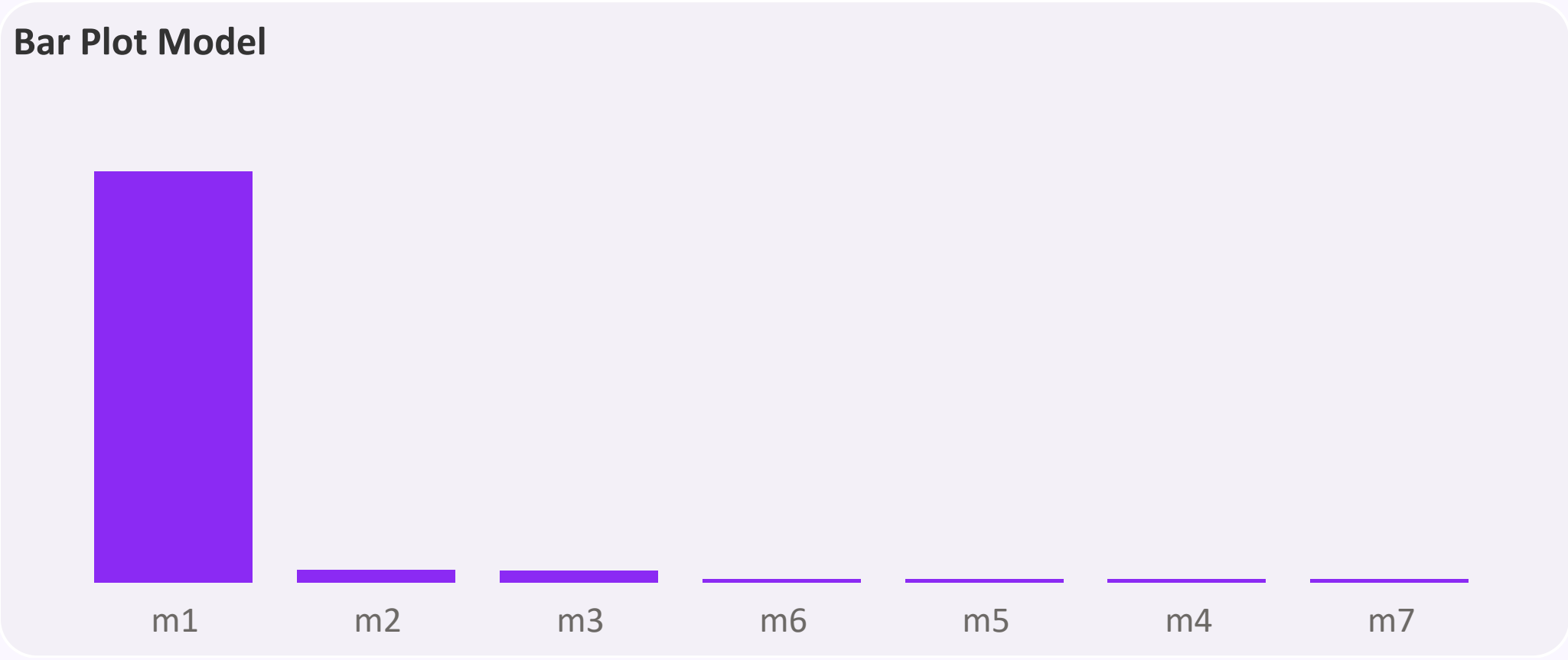
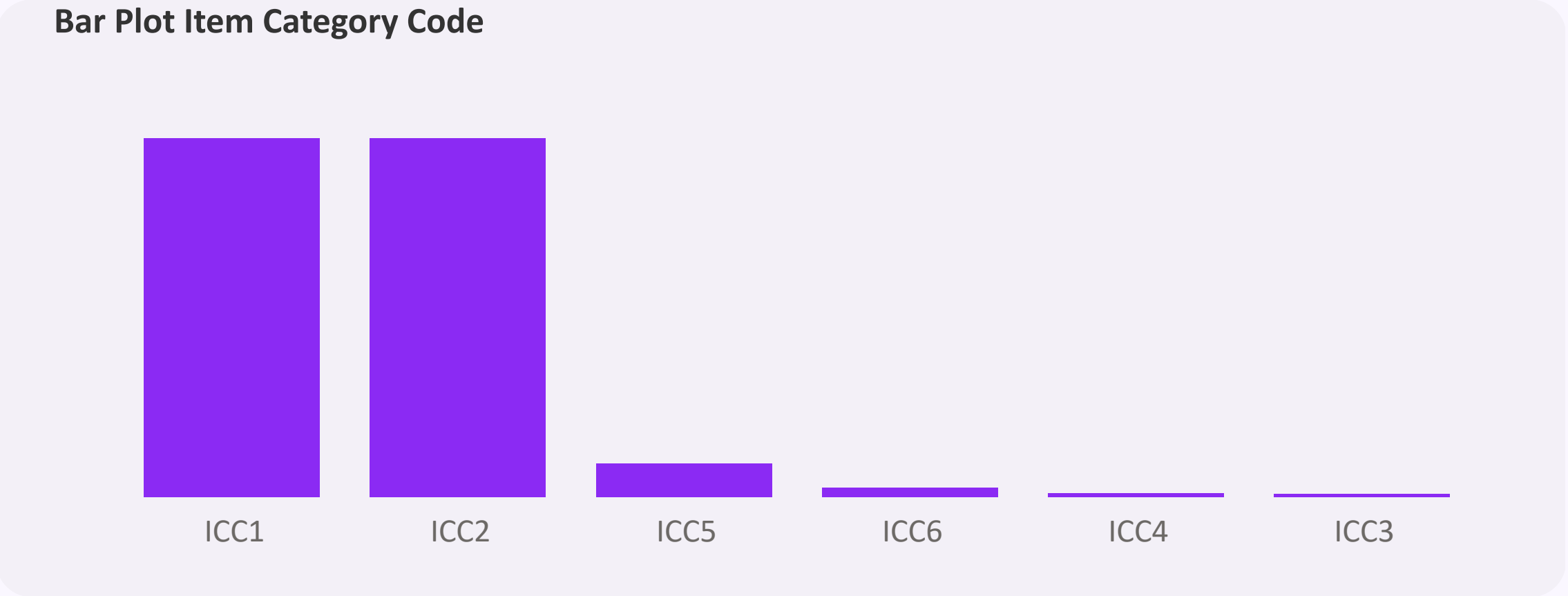
43

Count of Model

7

Count of Sent.Date

284



Information and Plots of a500 Table

Count of Date

302

Count of PN

1

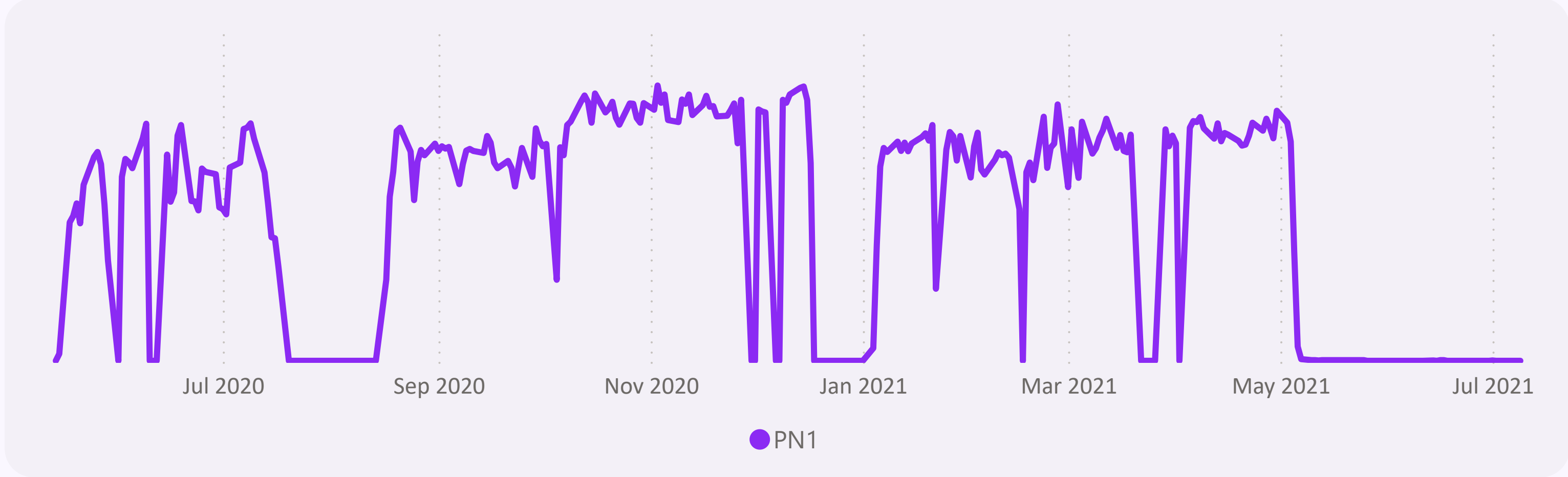
Count of Daily_Actual_Demand

159

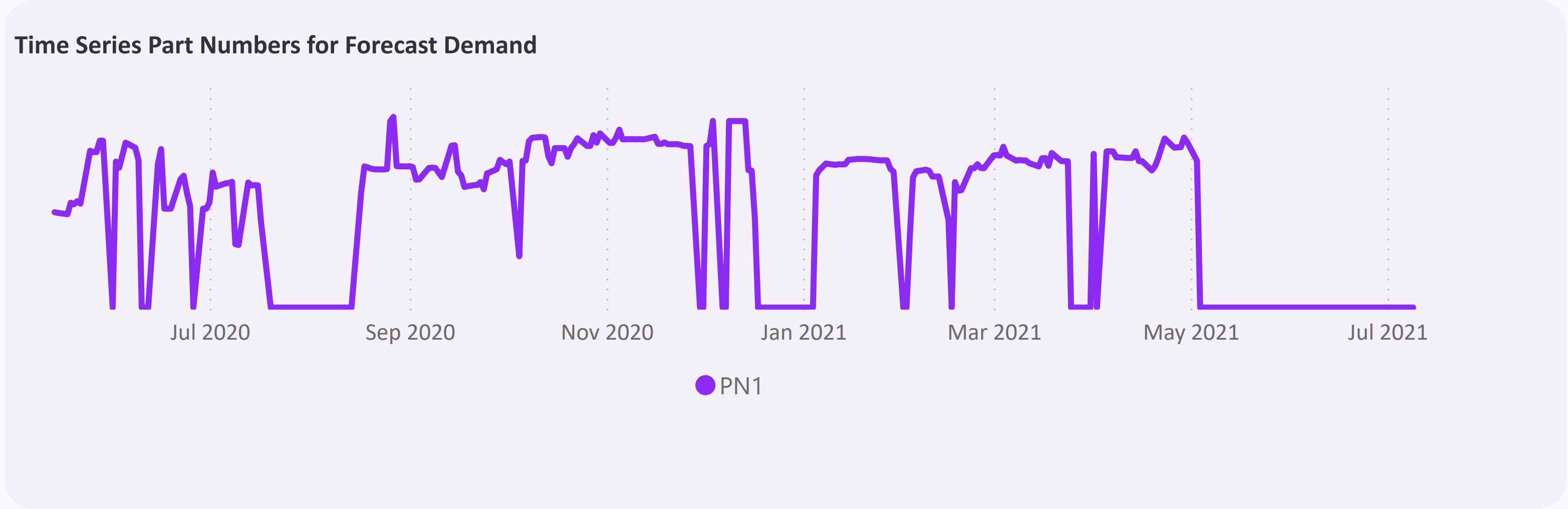
Count of Daily_Forecast_Demand

132

Time Series Part Numbers for Actual Demand



Time Series Part Numbers for Forecast Demand



PN, DayOfWeek

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PN1

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PN10

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Information ClassificationTask

model	First best_model	First train_loss	First test_loss	First best_iteration	First best_train_error	First best_test_error	First confusion_matrix
FNN	MLPClassifier(activation='logistic', alpha=0.01, hidden_layer_sizes=(50, 50), learning_rate_init=0.01, random_state=42)	3.9728839402338516	1.9356627176184154	38	0.26890243616418935	0.1566124504278483	[[2186 54] [93 290]]
RF	RandomForestClassifier(max_depth=12, max_features='sqrt', min_samples_leaf=2, min_samples_split=13, n_estimators=153, random_state=42)	0.8032364627685272	1.422117818133047	30	0.09178287288028202	0.11549112026048307	[[2206 34] [74 309]]

Information Regression Task

model	First best_model	First train_error	First test_error	First best_iteration	First best_train_error	First best_test_error
FNN	MLPRegressor(alpha=0.001, hidden_layer_sizes=(64, 32), random_state=42)	8.34860873280872	5.0099278282108495	27	8.34860873280872	5.0099278282108495
RF	RandomForestRegressor(max_depth=42, max_features='sqrt', min_samples_leaf=4, min_samples_split=5, n_estimators=403, random_state=42)	2.38281312466746	2.6789136695626783	50	2.4633995193543328	2.415526606157604