SELECT \* From `project-tuananh-2023.Tuananh\_ML.POP` LIMIT 1000;

CREATE OR REPLACE MODEL `project-tuananh-2023.Tuananh\_ML.POP\_ARIMA\_PLUS`

OPTIONS

  (model\_type = 'ARIMA\_PLUS',

   time\_series\_timestamp\_col = 'date',

   time\_series\_data\_col = 'value',

   auto\_arima = TRUE,

   data\_frequency = 'AUTO\_FREQUENCY',

   decompose\_time\_series = TRUE

  ) AS

SELECT

  value, date

FROM

  `project-tuananh-2023.Tuananh\_ML.POP`

ORDER BY date;

SELECT \*

FROM

 ML.FORECAST(MODEL `project-tuananh-2023.Tuananh\_ML.POP\_ARIMA\_PLUS`,

             STRUCT(6 AS horizon, 0.8 AS confidence\_level));

SELECT

 \*

FROM

 ML.EXPLAIN\_FORECAST(MODEL `project-tuananh-2023.Tuananh\_ML.POP\_ARIMA\_PLUS`,

                     STRUCT(6 AS horizon, 0.8 AS confidence\_level));