Use of generative AI for DAX analysis

AI feature description	This feature leverages generative AI to translate DAX formulas into an appropriate format to determine their lineage. This allows the user to view column-level lineage of calculated columns and measures.
Feature optional?	Yes
Model	Model type: Google Vertex AI Gen AI?: Yes Owner: Google
Intended use	This feature is intended to analyze DAX formulas in order to determine full lineage for Power BI datasets.
Model training/ retraining data	Collibra relies on the training data leveraged by Google Vertex AI as shipped. For more information, please see the Google Vertex AI Product Documentation.
Model input	Input is a DAX formula. For example: dax_parser = DaxParser(prompt_template = prompt_template, examples = examples, n_examples=1) input = """AddColumns_ Ex1 = ADDCOLUMNS(Consumer,"TotalSales", SUMX(RELATEDTABLE(Facts_ Sales),Facts_Sales[SalesAmount]), "TotalProductSold", SUMX(RELATEDTABLE(Consumer_Sales),Consumer_Sales[SalesAmount]))""" output = dax_parser.parse(input) print(output.dict())
Model output	Output is parsed in a JSON file. For example: {'table_list': [{'table_name': 'Consumer', 'columns': ['TotalSales', 'TotalProductSold']}, {'table_name': 'Facts_Sales', 'columns': ['SalesAmount']}, {'table_name': 'Consumer_Sales', 'columns': ['SalesAmount']}]}
Is input data used to train the model for general product improvement purposes?	No
Data storage and retention	All Colibra storage locations are referenced here. Retention is concurrent with customer environment retention.
Human in the loop?	Yes. Output can be reviewed in the lineage. The output is marked as DAX lineage in source code and by hovering over the column.
Is personal data processed?	Personal data is not intended to be included in the model input data, but if it is, its processing is subject to the customer's data privacy terms and conditions with Collibra under its Master Cloud Agreement. You can find our standard, customer facing privacy terms here.
Other considerations	None