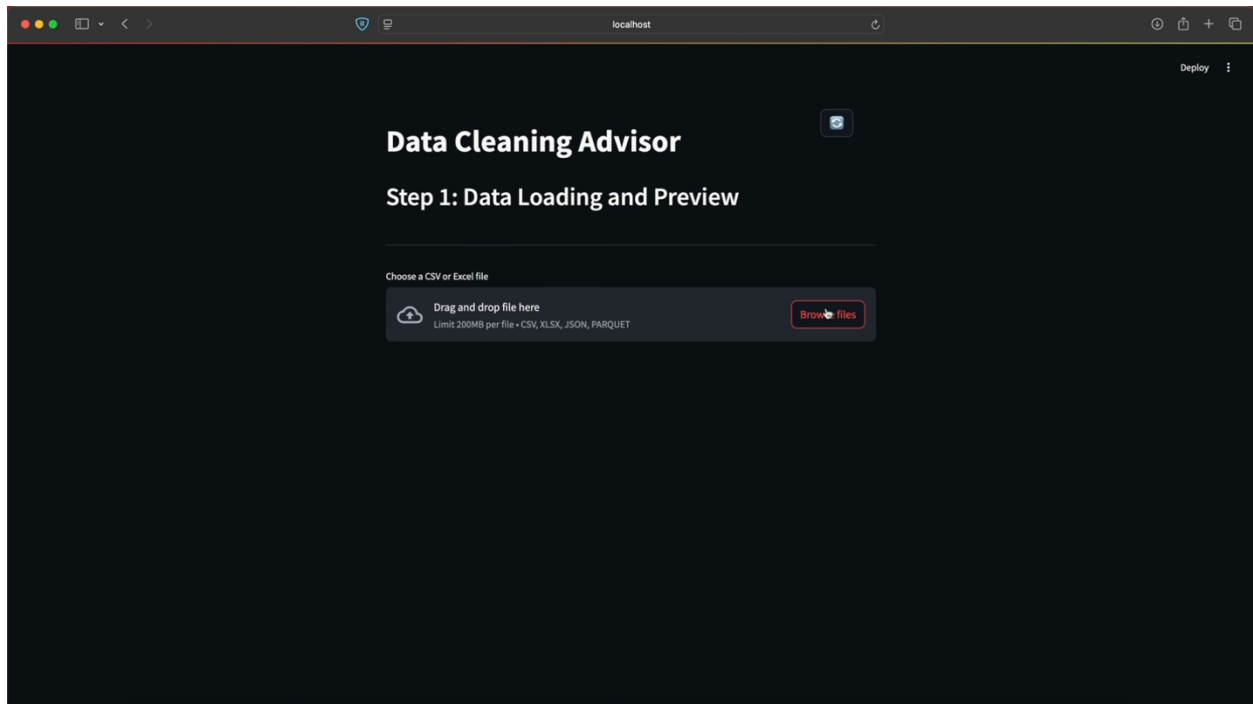


Cleaning Agent Tutorial

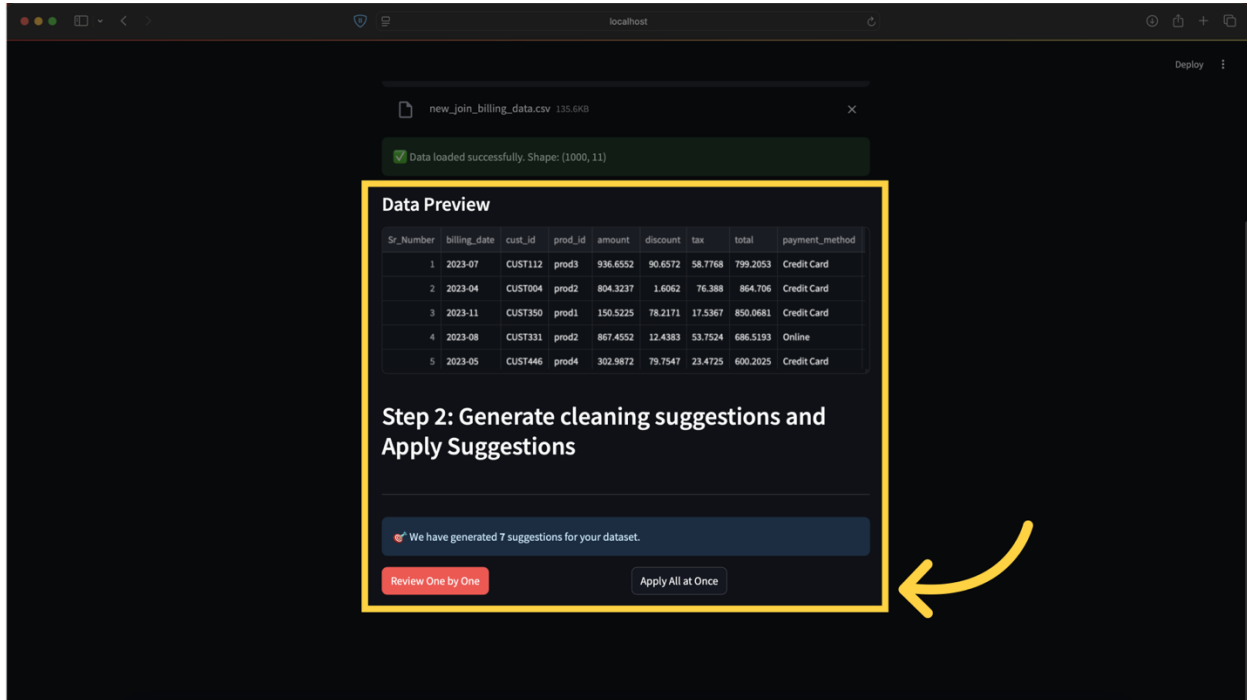
1. Introduction

The Cleaning agent will help clean your data within just a few mouse clicks. It will provide you with contextual transformations that will help improve your data quality and get it ready for use in AI models. Begin by uploading your data to the agent.



2. Generating Cleaning Suggestions

Upon confirming that you have uploaded the correct file, the Cleaning agent will start generating data cleansing suggestions and provide you with the overview of the number of suggestions generated.

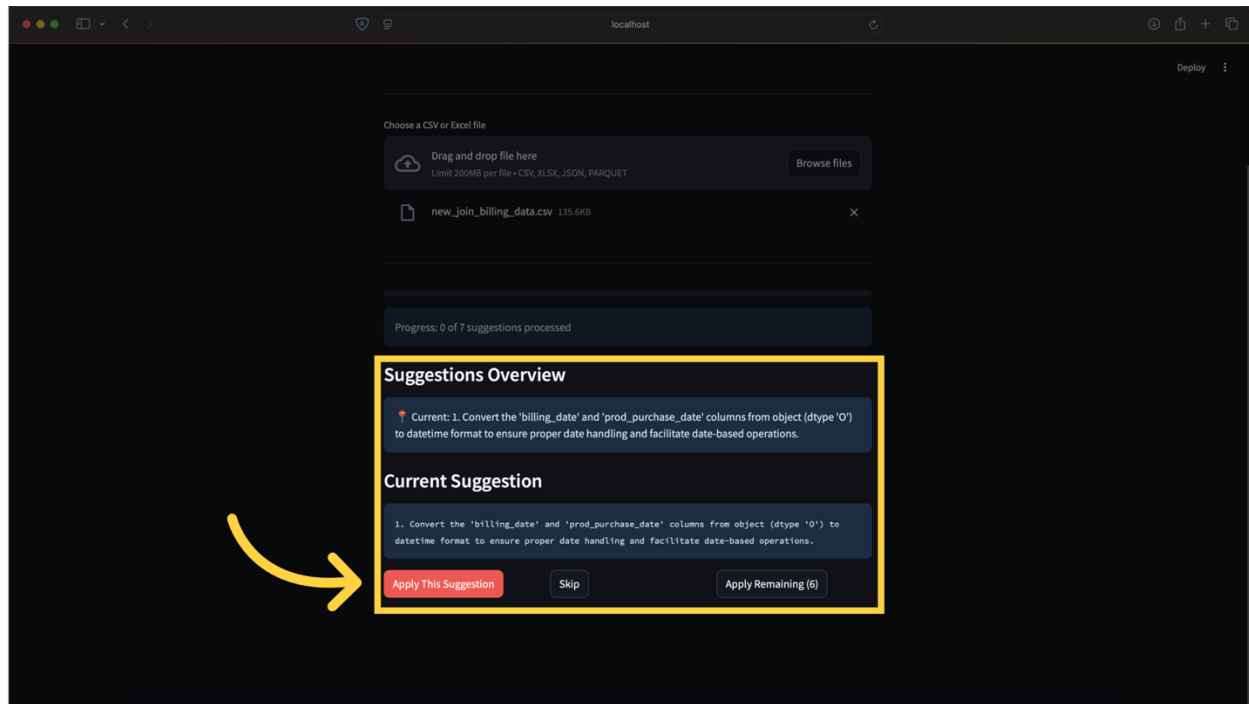


The screenshot shows a web application interface with a dark theme. At the top, a file named 'new_join_billing_data.csv' (135.6KB) is shown as uploaded. Below this, a green status bar indicates 'Data loaded successfully. Shape: (1000, 11)'. The main content area is titled 'Data Preview' and contains a table with 8 columns: 'Sr_Number', 'billing_date', 'cust_id', 'prod_id', 'amount', 'discount', 'tax', 'total', and 'payment_method'. The table displays 5 rows of data. Below the table, the text 'Step 2: Generate cleaning suggestions and Apply Suggestions' is displayed. A blue message box states 'We have generated 7 suggestions for your dataset.' At the bottom, there are two buttons: 'Review One by One' (highlighted with a yellow box and a yellow arrow) and 'Apply All at Once'.

Sr_Number	billing_date	cust_id	prod_id	amount	discount	tax	total	payment_method
1	2023-07	CUST1112	prod3	936.6552	90.6572	58.7768	799.2053	Credit Card
2	2023-04	CUST0004	prod2	804.3237	1.6062	76.388	864.706	Credit Card
3	2023-11	CUST350	prod1	150.5225	78.2171	17.5367	850.0681	Credit Card
4	2023-08	CUST331	prod2	867.4552	12.4383	53.7524	686.5193	Online
5	2023-05	CUST446	prod4	302.9872	79.7547	23.4725	600.2025	Credit Card

3. Applying Suggestions

The Cleaning agent will display cleaning suggestions and the reasons it wants to perform them on your data. If you feel that the suggestion is both necessary and beneficial to your data, you can apply it. If you don't feel that you need to apply a given suggestion, you can always skip it. You can always apply all the Cleaning agent's suggestions at once by clicking the Apply Remaining button.



4. Final

After applying your choice of cleaning suggestions, download your data.

The screenshot shows a web application interface with a dark theme. At the top, there's a status bar with 'localhost' and a 'Deploy' button. Below that, a message box indicates 'Failed: 0' and 'Skipped: 1'. The main heading is 'Step 3: Post Processing'. A yellow arrow points to a section titled 'Choose an operation:' which contains three radio buttons: 'View Data' (selected), 'Download Data', and 'Finish'. Below this is a table with 10 rows of data.

Sr_Number	billing_date	cust_id	prod_id	amount	discount	tax	total	payment_m
1	2023-07-01 00:00:00	CUST112	prod3	936.6552	90.6572	58.7768	799.2053	Credit card
2	2023-04-01 00:00:00	CUST004	prod2	804.3237	1.6062	76.388	864.706	Credit card
3	2023-11-01 00:00:00	CUST350	prod1	150.5225	78.2171	17.5367	850.0681	Credit card
4	2023-08-01 00:00:00	CUST331	prod2	867.4552	12.4383	53.7524	686.5193	Online
5	2023-05-01 00:00:00	CUST446	prod4	302.9872	79.7547	23.4725	600.2025	Credit card
6	2023-07-01 00:00:00	CUST318	prod4	439.2227	61.5912	13.8536	206.4711	Online
7	2023-10-01 00:00:00	CUST350	prod5	515.5595	84.3278	43.9971	173.1901	Online
8	2023-03-01 00:00:00	CUST095	prod5	532.8154	9.7514	20.517	525.8593	Credit card
9	2023-07-01 00:00:00	CUST152	prod4	491.6624	55.8981	26.0693	500.3439	Cash
10	2023-11-01 00:00:00	CUST311	prod4	943.618	50.1088	35.1677	557.0799	Debit card