

## Features List

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## 1. JSON data upload.:

- Previously We are allowing TSV and CSV files are uploaded. Right now we are allowing JSON files also upload.

```
[
  {
    "id": 1,
    "cust_name": "Vijaya",
    "gender": "Female",
    "income_group": "Upper Middle Class",
    "cust_phone": 5083777812,
    "txn_country": "India",
    "txn_city": "Mumbai",
    "txn_date": "2014-08-09",
    "product_id": 38,
    "product_name": "Canon High Capacity Color Ink Cartridge - Color Ink - CL51",
    "product_cat": "Electronics",
    "product_sub_cat": "Printer Accessories",
    "brand_name": "Canon",
    "cost_cat": "Common",
    "purchased_units": 2,
    "unit_price": 35,
    "txn_value": 70,
    "paid_by": "Debit Card",
    "ip_address": "27.61.125.78"
  },
  {
    "id": 2,
    "cust_name": "Lalitha",
    "gender": "Female",
    "income_group": "Upper Class",
    "cust_phone": 8609684990,
    "txn_country": "South Korea",
    "txn_city": "Seoul",
    "txn_date": "2014-03-24",
    "product_id": 226,
    "product_name": "adidas Big Boys Core Cotton Fleece Pull Over",
    "product_cat": "Apparels",
    "product_sub_cat": "Kids Wear",
    "brand_name": "Adidas",
    "cost_cat": "Common",
    "purchased_units": 1,
    "unit_price": 23,
  }
]
```

### Sample JSON File

- The Above screenshot shows the sample JSON File.
- After selecting JSON file, The following screens will comes in upload panel.

The screenshot shows a 'Data Preview' window with a table header 'column\_1'. Below the header is a dropdown menu set to 'Text'. The main area displays a JSON object with the following fields and values:

```
{
  "id": 1,
  "cust_name": "Vijaya",
  "gender": "Female",
  "income_group": "Upper Middle Class",
  "cust_phone": 5083777812,
  "txn_country": "India",
  "txn_city": "Mumbai",
  "txn_date": "2014-08-09",
  "product_id": 38,
  "product_Name": "Canon High Capacity Color Ink Cartridge - Color Ink - CL51",
  "product_cat": "Electronics",
  "product_sub_cat": "Printer Accessories",
  "brand_name": "Canon"
}
```

At the bottom of the preview, it says 'Showing 1 to 34 of 34 entries'.

The screenshot shows a configuration form for a dataset. It includes the following elements:

- Radio buttons:**  New Dataset,  Existing Dataset
- Name:** A text input field with a placeholder 'Enter dataset name'.
- Auto category:** A checked checkbox with a label 'Check to auto aggregate'.
- Categories:** A list of categories with checkboxes:
  - Select/UnSelectAll
  - \_ - varchar
- Measures(optional):** An empty text area with a placeholder '(Sum, Avg, Min, Max, Total)'.
- Buttons:** 'Select categories to aggregate' and '(Sum, Avg, Min, Max, Total)'.

- Auto Categories are automatically selected when upload JSON file. But In cube view shows only three categories, If you want extra categories add manage dataset. Three categories are shown descending order.

Note: Existing dataset operation is not performing to JSON files.

**2. Data profiling. Shows number of rows, data type, number of distinct values in a column, Min, Max, Mean, Standard Deviation, number of Blank values in a column and number of Null:**

- Data profile option is used to shows the your dataset fields, Number of rows, Data type, Number of distinct values in a column, Min, Max, mean, Standard Deviation, Number of

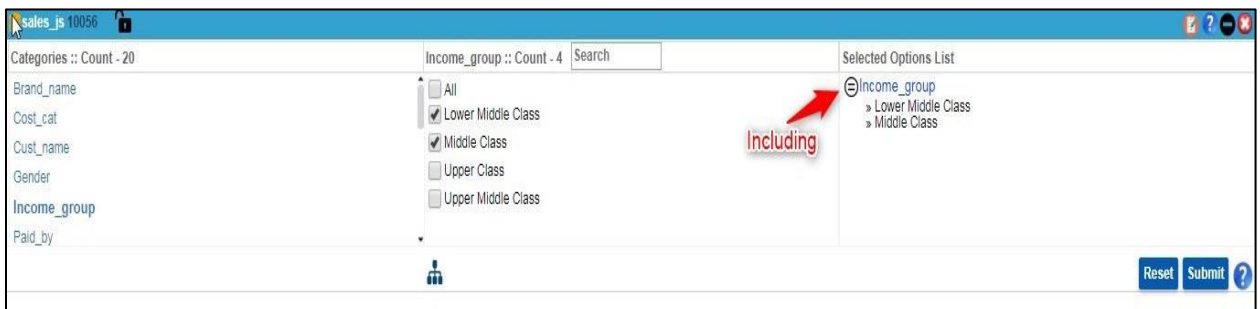
blank values And Number of null values for your uploaded datasets. This option shows for the all type of datasets like CSV, TSV, JSON, S3 And your database datasets also.

Name	No.of records	Uploaded date	Last appended date	Data Profile
s3dataset_2	168	5/11/2018, 3:02:44 PM		Data Profile
s3dataset	168	5/11/2018, 2:37:40 PM		Data Profile
connectserver_1	50	5/11/2018, 2:34:34 PM		Data Profile

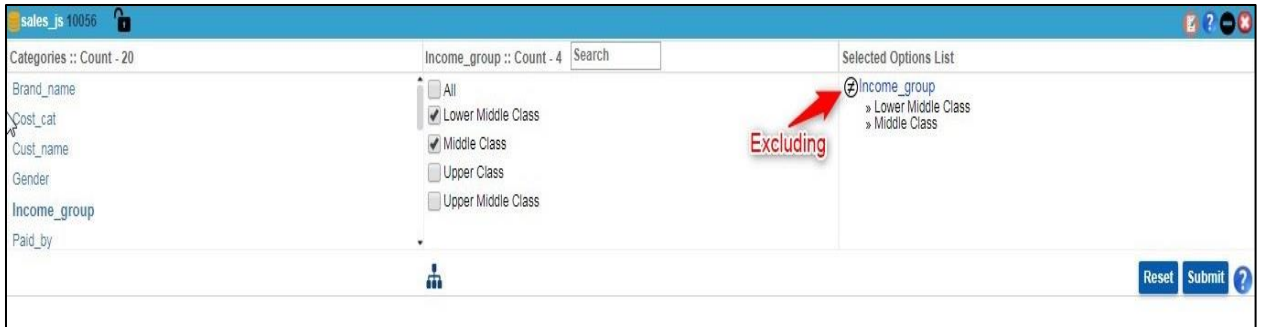
S_no	Columns	Rows	Type	Distinct	Min	Max	Mean	Sd	Blank values	Null values
1	date	168	Datetime	1	-	-	-	-	0	0
2	city	168	Text	1	-	-	-	-	0	0
3	state	168	Text	1	-	-	-	-	0	0
4	temp_in_f	168	Numeric	-	32	78	59	11	0	0
5	humidity	168	Numeric	-	44	93	75	13	0	0
6	heat_index	168	Numeric	-	82	82	82	0	0	0
7	dewpoint	168	Numeric	-	25	67	50	11	0	0
8	wind_direction	168	Numeric	-	0	360	184	110	18	0
9	wind_speed	168	Numeric	-	0	21	8	4	13	0
10	wind_chill	168	Numeric	-	25	43	36	4	0	0

### 3. Excluding / Including in cube filter:

- This is used to specify exclude/include the selected subcategory options in cube filter.
- This option is available only when specific selection of subcategories.
- The below screen shot shows the applying including option.

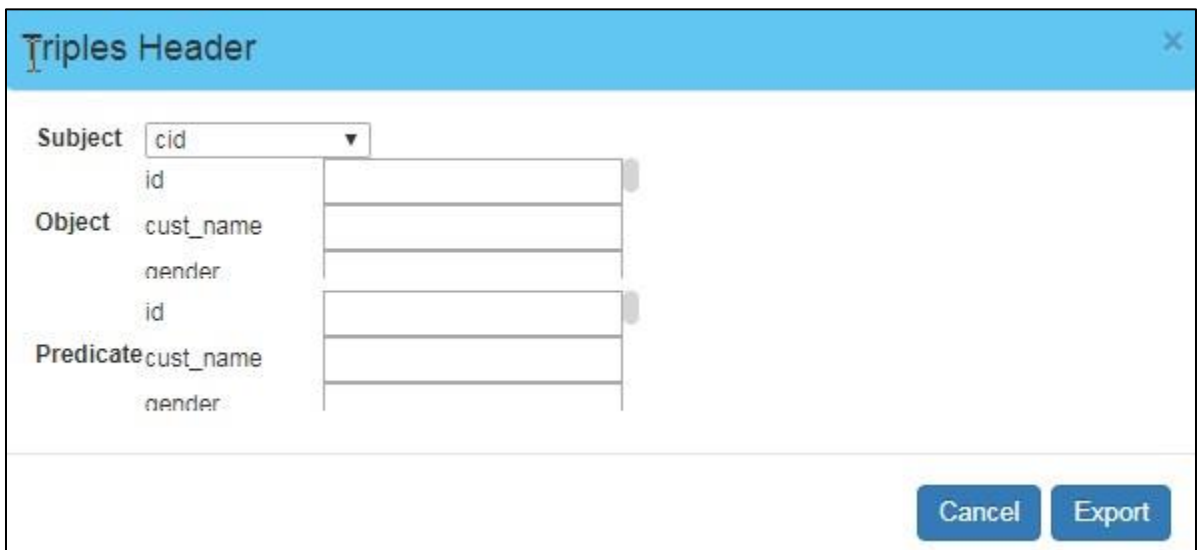


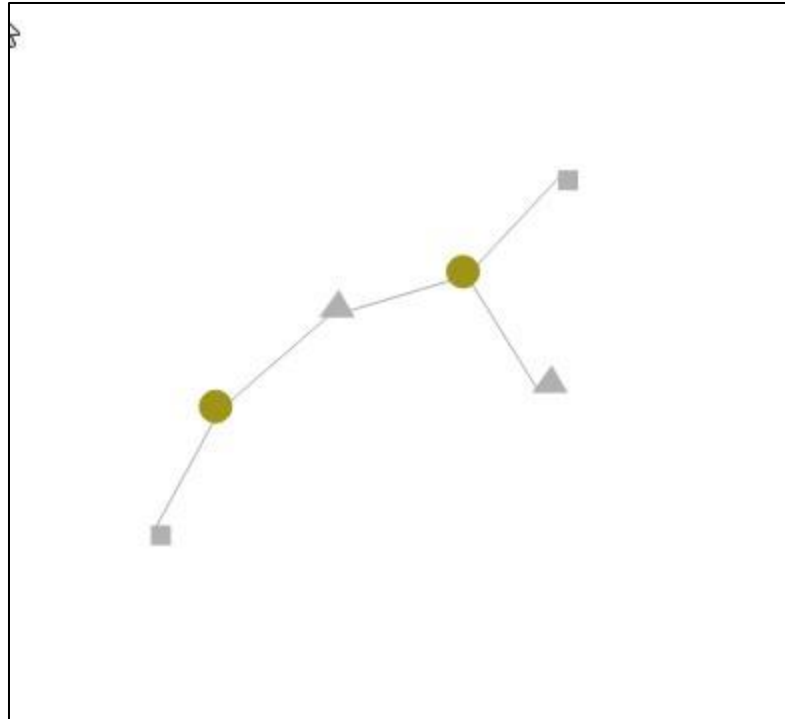
- The below screen shot shows the applying excluding option.



#### **4. In connected graph allowing users to specify URI to literals:**

- This option is used for only AG users.
- In uploading time select specify URI to literals.
- In this subject is used to create a subject URL in RDF.
- Object refers If user wants to give any prefix to column values.
- Predicate refers specify user defined predicate URI.

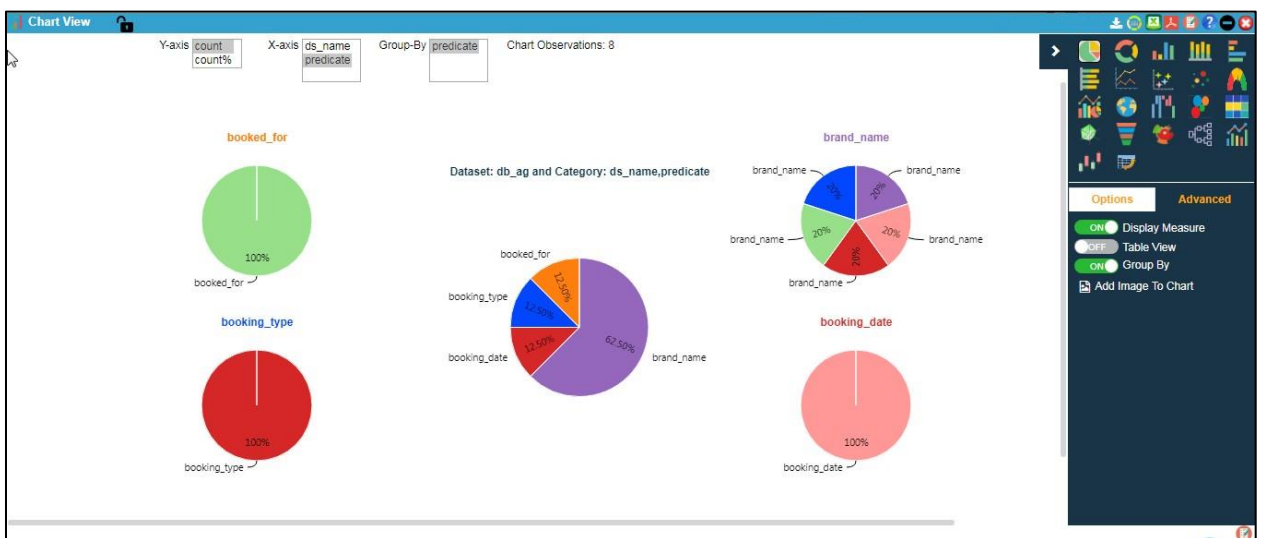




- Node colours will be displayed based on the URL Prefix what the user given when he was uploading dataset time.

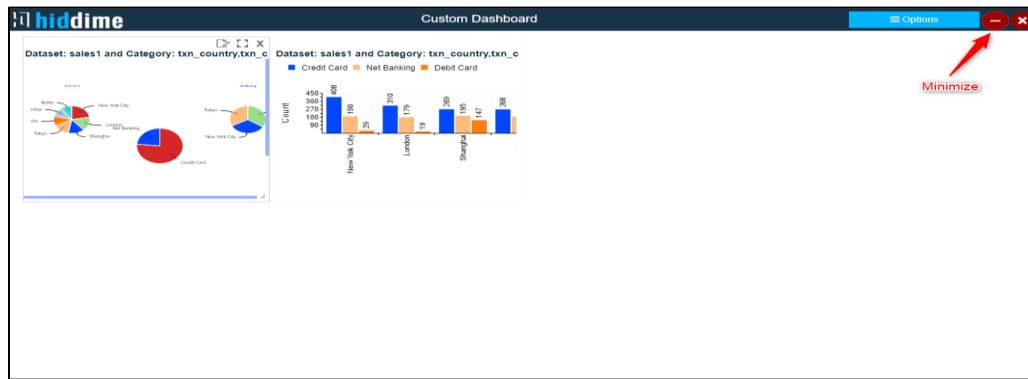
### 5. New Chart View Layout:

- We changed the chart view layout And below screenshot shows new chart view layout

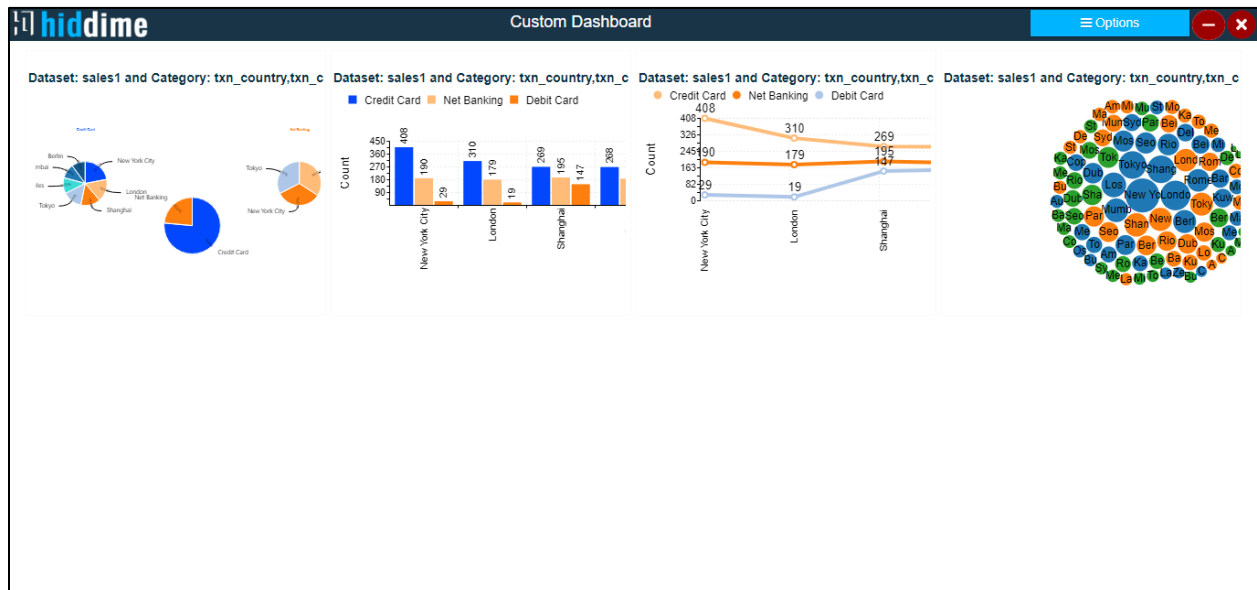


## 6. Minimize option in custom dashboard:

- This feature is used to add new charts to custom dashboard even some charts are added to custom dashboard.
- The below screenshot shows the custom dashboard with two charts. Then click on minimize button.

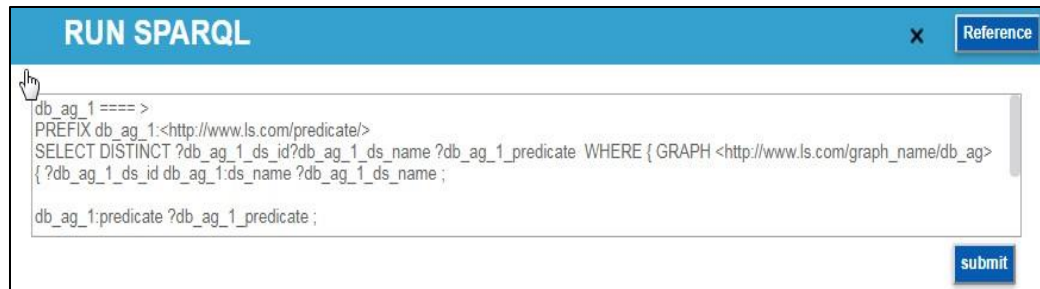


- The below screenshot shows added new charts to same dashboard.

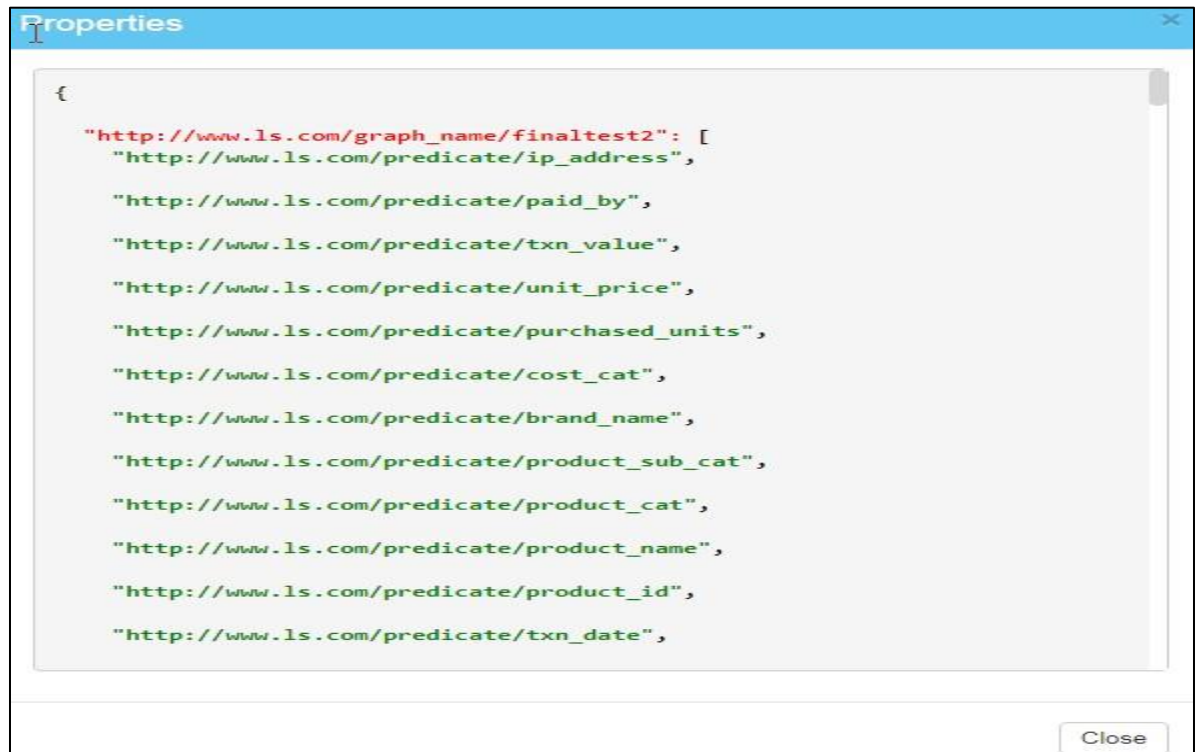


## 7. Allowing the user to run SPARQL query:

- This feature is used to the user run SPARQL queries in Allegro connected graph.



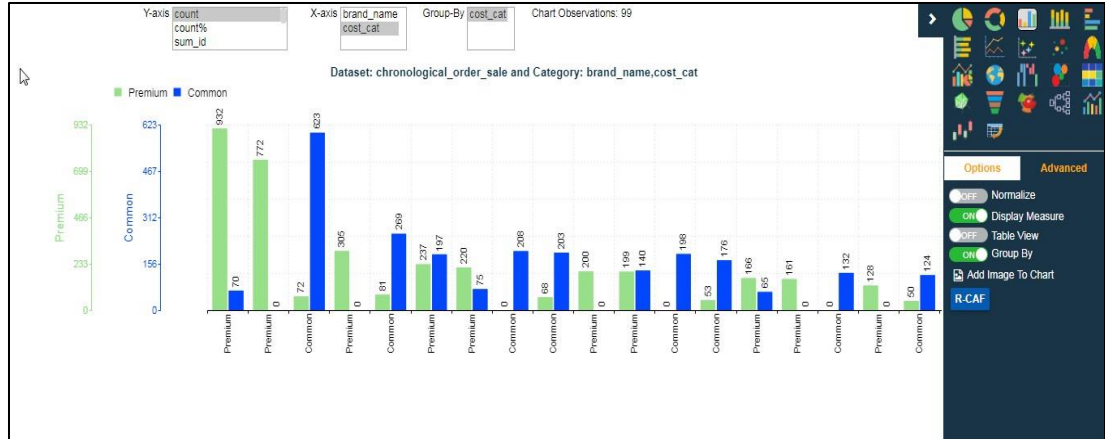
- Click on reference the following screen will comes and shows all properties.



## 8. Normalization option in bar chart:

- Previously normalization option in bar chart available for only measures<but right now we shows the grouping categories also.
- The below screenshot shows the bar chart generated in without normalization condition through grouped categories (common and premium).





For any queries Contact us at: [support@hiddime.com](mailto:support@hiddime.com)