

Data Visualization – CSE3020

Lab 11 – Tableau with Hive

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The screenshot shows the Tableau Desktop interface. On the left, the 'Connections' pane shows a connection to '192.168.150.179' with the schema 'default'. The 'Table' pane shows the 'hello' table selected. The main view displays a preview of the 'hello' table data. The table has 12 columns: Row Id, Order Priority, Discount, Unit Price, Shipping Cost, Customer Id, Customer Name, Ship Mode, Customer Segment, Product Category, Product Sub-Category, and Product Name. The data is sorted by Row Id in descending order.

| Row Id | Order Priority | Discount | Unit Price | Shipping Cost | Customer Id | Customer Name | Ship Mode | Customer Segment | Product Category | Product Sub-Category | Product Name |
|--------|----------------|----------|------------|---------------|-------------|--------------------|----------------|------------------|------------------|----------------------|--------------|
| 20847 | High | 0.010000 | 2.84 | 0.930 | 3 | Bonnie Potter | Express Air | Corporate | Office Supplies | Pens & Art Supplies | Wrap |
| 20228 | Not Specified | 0.020000 | 500.98 | 26.000 | 5 | Ronnie Proctor | Delivery Truck | Home Office | Furniture | Chairs & Chairmats | Jumbo |
| 21776 | Critical | 0.060000 | 9.48 | 7.290 | 11 | Marcus Dunlap | Regular Air | Home Office | Furniture | Office Furnishings | Small |
| 24844 | Medium | 0.090000 | 78.69 | 19.990 | 14 | Gwendolyn F Tys... | Regular Air | Small Business | Furniture | Office Furnishings | Small |
| 24846 | Medium | 0.080000 | 3.28 | 2.310 | 14 | Gwendolyn F Tys... | Regular Air | Small Business | Office Supplies | Pens & Art Supplies | Wrap |
| 24847 | Medium | 0.050000 | 3.28 | 4.200 | 14 | Gwendolyn F Tys... | Regular Air | Small Business | Office Supplies | Pens & Art Supplies | Wrap |
| 24848 | Medium | 0.050000 | 3.58 | 1.630 | 14 | Gwendolyn F Tys... | Regular Air | Small Business | Office Supplies | Rubber Bands | Wrap |
| 18181 | Critical | 0.000000 | 4.42 | 4.990 | 15 | Timothy Reese | Regular Air | Small Business | Office Supplies | Envelopes | Small |
| 20925 | Medium | 0.010000 | 35.94 | 6.660 | 15 | Timothy Reese | Regular Air | Small Business | Office Supplies | Envelopes | Small |
| 26267 | High | 0.040000 | 2.98 | 1.580 | 16 | Sarah Ramsey | Regular Air | Small Business | Office Supplies | Rubber Bands | Wrap |

The screenshot shows the Hue Table Browser interface. The 'Table Browser' pane shows the 'hello' table selected. The main view displays the table structure and sample data. The table has 12 columns: Row Id, Order Priority, Discount, Unit Price, Shipping Cost, Customer Id, Customer Name, Ship Mode, Customer Segment, Product Category, Product Sub-Category, and Product Name. The data is sorted by Row Id in descending order.

| Name | Type | Comment |
|------|--------|------------------|
| 1 | bigint | Add a comment... |
| 2 | string | Add a comment... |
| 3 | double | Add a comment... |
| 4 | double | Add a comment... |
| 5 | double | Add a comment... |

Sample Data:

| hello_row_id | hello_order_priority | hello_discount | hello_unit_price | hello_shipping_cost | hello_customer_id | hello_customer_name | hello_ship_mode | hello_customer_segment | hello_product_category | hello_product_sub_category | hello_product_name |
|--------------|----------------------|----------------|------------------|---------------------|-------------------|---------------------|-----------------|------------------------|------------------------|----------------------------|---------------------|
| 1 | 20847 | High | 0.01 | 2.84 | 0.93 | 3 | Bonnie Potter | Express Air | Corporate | Office Supplies | Pens & Art Supplies |
| 2 | 20228 | Not Specified | 0.02 | 500.98 | 26 | 5 | Ronnie Proctor | Delivery Truck | Home Office | Furniture | Chairs & Chairmats |
| 3 | 21776 | Critical | 0.06 | 9.48 | 7.29 | 11 | Marcus Dunlap | Regular Air | Home Office | Furniture | Office Furnishings |





