DEX34: Distribution of drug quantity

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| This query is used to provide summary statistics for drug quantity (quantity) across all drug exposure records: the mean, the standard deviation, the minimum, the 25th percentile, the median, the 75th percentile, the maximum and the number of missing values. No input is required for this query.  **Input:**  <None>  **Sample query run:** The following is a sample run of the query.  SELECT  min(tt.stat\_value) AS min\_value ,  max(tt.stat\_value) AS max\_value ,  avg(tt.stat\_value) AS avg\_value ,  (round(stdDev(tt.stat\_value)) ) AS stdDev\_value ,  APPROXIMATE PERCENTILE\_DISC(0.25) WITHIN GROUP( ORDER BY tt.stat\_value ) AS percentile\_25 ,  APPROXIMATE PERCENTILE\_DISC(0.5) WITHIN GROUP (ORDER BY tt.stat\_value ) AS median\_value ,  APPROXIMATE PERCENTILE\_DISC(0.75) WITHIN GROUP (ORDER BY tt.stat\_value ) AS percentile\_75  FROM (  SELECT t.quantity AS stat\_value  FROM drug\_exposure t  where t.quantity > 0  ) tt ;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | min\_value |  | | max\_value |  | | avg\_value |  | | stdDev\_value |  | | percentile\_25 |  | | median\_value |  | | percentile\_75 |  |   Sample output record:   |  |  | | --- | --- | | **Field** | **Description** | | min\_value |  | | max\_value |  | | avg\_value |  | | stdDev\_value |  | | percentile\_25 |  | | median\_value |  | | percentile\_75 |  | |