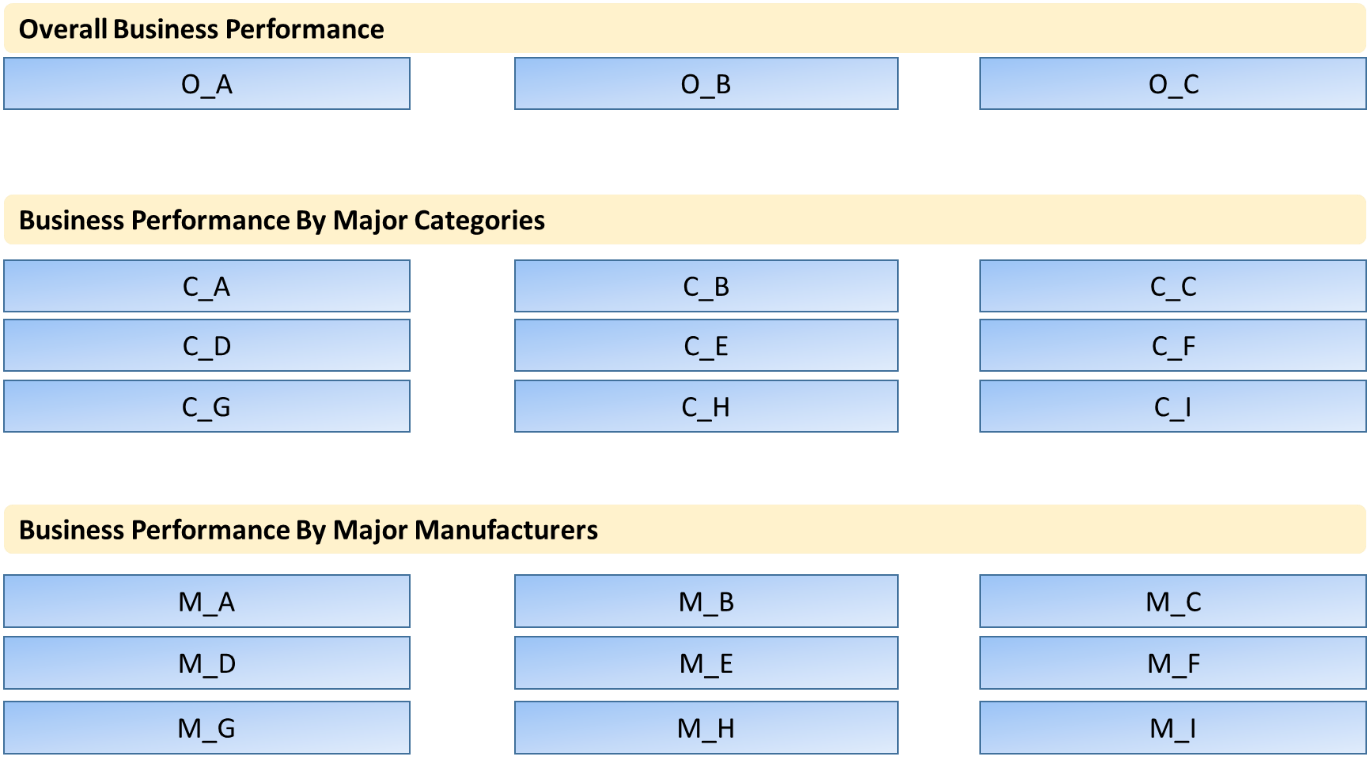
|  |  |
| --- | --- |
| Report ID | Rpt001 |
| Title | Business Performance Dashboard |
| Document Version | 2.0 |

**Design Layout:**



|  |  |
| --- | --- |
| **Display Area** | O\_A |
| **Output** | Total Order Number |
| **Value Display Description** | Current up-to-date, total order number, for all categories.  Quantity of orders.  Not the sale numbers. |
| **Business Logic** | ttl\_orders\_no |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | O\_B |
| **Output** | Total Sale Number (Prefix RM) |
| **Value Display Description** | Current update to date, total sales number, for all categories.  Sum of total sales for each transaction / orders.  Display in RM. Thousand comma separator. 2 decimal points. |
| **Business Logic** | ttl\_sales\_no |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | O\_C |
| **Output** | Total Customer Number in business |
| **Value Display Description** | Current update to date, total unique customer number, for all categories. |
| **Business Logic** | ttl\_customer\_no |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | C\_A |
| **Output** | Category: PRINTER  Total Order Number  Total Sale Number  Total Customer Number  that contains Category: PRINTER |
| **Value Display Description** | Refer to display area: O\_A, O\_B, O\_C, but calculation focus on category: PRINTER. |
| **Business Logic** | ttl\_orders\_no\_p  ttl\_sales\_no\_p  ttl\_customer\_no\_p |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | C\_B |
| **Output** | Category: INK  Total Order Number  Total Sale Number  Total Customer Number  that contains Category: INK |
| **Value Display Description** | Refer to display area: O\_A, O\_B, O\_C, but calculation focus on category: INK. |
| **Business Logic** | ttl\_orders\_no\_i  ttl\_sales\_no\_i  ttl\_customer\_no\_i |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | C\_C |
| **Output** | Category: TONER  Total Order Number  Total Sale Number  Total Customer Number  that contains Category: TONER |
| **Value Display Description** | Refer to display area: O\_A, O\_B, O\_C, but calculation focus on category: TONER. |
| **Business Logic** | ttl\_orders\_no\_t  ttl\_sales\_no\_t  ttl\_customer\_no\_t |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | C\_D |
| **Output** | Category: PAPER  Total Order Number  Total Sale Number  Total Customer Number  that contains Category: PAPER |
| **Value Display Description** | Refer to display area: O\_A, O\_B, O\_C, but calculation focus on category: PAPER. |
| **Business Logic** | ttl\_orders\_no\_pa  ttl\_sales\_no\_pa  ttl\_customer\_no\_pa |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | C\_E |
| **Output** | Category: TECHNOLOGY  Total Order Number  Total Sale Number  Total Customer Number  that contains Category: TECH |
| **Value Display Description** | Refer to display area: O\_A, O\_B, O\_C, but calculation focus on category: TECHNOLOGY. |
| **Business Logic** | ttl\_orders\_no\_tech  ttl\_sales\_no\_tech  ttl\_customer\_no\_tech |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | C\_F |
| **Output** | Category: STATIONARY  Total Order Number  Total Sale Number  Total Customer Number  that contains Category: STATIONARY |
| **Value Display Description** | Refer to display area: O\_A, O\_B, O\_C, but calculation focus on category: STATIONARY. |
| **Business Logic** | ttl\_orders\_no\_s  ttl\_sales\_no\_s  ttl\_customer\_no\_s |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | C\_G |
| **Output** | Category: OFFICE EQUIPMENT  Total Order Number  Total Sale Number  Total Customer Number  that contains Category: OFFICE EQUIPMENT |
| **Value Display Description** | Refer to display area: O\_A, O\_B, O\_C, but calculation focus on category: OFFICE EQUIPMENT. |
| **Business Logic** | ttl\_orders\_no\_oe  ttl\_sales\_no\_oe  ttl\_customer\_no\_oe |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | C\_H |
| **Output** | Category: BREAKROOM  Total Order Number  Total Sale Number  Total Customer Number  that contains Category: BREAKROOM |
| **Value Display Description** | Refer to display area: O\_A, O\_B, O\_C, but calculation focus on category: BREAKROOM. |
| **Business Logic** | ttl\_orders\_no\_b  ttl\_sales\_no\_b  ttl\_customer\_no\_b |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | C\_I |
| **Output** | Category: CLEANING  Total Order Number  Total Sale Number  Total Customer Number  that contains Category: CLEANING |
| **Value Display Description** | Refer to display area: O\_A, O\_B, O\_C, but calculation focus on category: CLEANING. |
| **Business Logic** | ttl\_orders\_no\_c  ttl\_sales\_no\_c  ttl\_customer\_no\_c |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

|  |  |
| --- | --- |
| **Display Area** | M\_A / M\_B / M\_C  M\_D / M\_E / M\_F  M\_G / M\_H / M\_I |
| **Output** | Manufacture: <*conf\_value*> ref to <*idx*>  Total Order Number  Total Sale Number  Total Customer Number  that product contains Manufacturer: <*List in Table: conf\_dashboard, conf\_name = “dashb\_manufacturer”*> |
| **Value Display Description** | Refer to display area: O\_A, O\_B, O\_C, but value displayed follow the manufacturer pre-calculated value. |
| **Business Logic** | ttl\_orders\_no\_dm<*idx*>  ttl\_sales\_no\_dm<*idx*>  ttl\_customer\_no\_dm<*idx*> |
| **DB / Tables** | Tables: overall\_dashboard |
| **Page Load Calc. / Pre-Calculate** | Pre-Calculate. |

**Pre-Calculate Tables Design**

|  |  |  |
| --- | --- | --- |
| **Table Name** | overall\_dashboard | |
| **Column** | **Type** | **Business Logic to supply value** |
| ttl\_orders\_no | INT | Select count(distinct(order\_id)) from extract\_orders |
| ttl\_sales\_no | DECIMAL(15,4) | Select sum(product\_total) from extract\_orders |
| ttl\_customer\_no | INT | Select count(distinct(customer\_id)) from extract\_orders |
| ttl\_orders\_no\_p  ttl\_sales\_no\_p  ttl\_customer\_no\_p | INT  DECIMAL(15,4)  INT | Select count(distinct(order\_id)) from extract\_orders where category=’P’  Select sum(product\_total)from extract\_orders where category=’P’  Select count(distinct(customer\_id)) from extract\_orders where category=’P’ |
| ttl\_orders\_no\_i  ttl\_sales\_no\_i  ttl\_customer\_no\_i | INT  DECIMAL(15,4)  INT | Select count(distinct(order\_id)) from extract\_orders where category=’I’  Select sum(product\_total)from extract\_orders where category=’I’  Select count(distinct(customer\_id)) from extract\_orders where category=’I’ |
| ttl\_orders\_no\_t  ttl\_sales\_no\_t  ttl\_customer\_no\_t | INT  DECIMAL(15,4)  INT | Select count(distinct(order\_id)) from extract\_orders where category=’T’  Select sum(product\_total)from extract\_orders where category=’T’  Select count(distinct(customer\_id)) from extract\_orders where category=’T’ |
| ttl\_orders\_no\_pa  ttl\_sales\_no\_pa  ttl\_customer\_no\_pa | INT  DECIMAL(15,4)  INT | Select count(distinct(order\_id)) from extract\_orders where category=’PA’  Select sum(product\_total) from extract\_orders where category=’ PA’  Select count(distinct(customer\_id)) from extract\_orders where category=’PA’ |
| ttl\_orders\_no\_tech  ttl\_sales\_no\_tech  ttl\_customer\_no\_tech | INT  DECIMAL(15,4)  INT | Select count(distinct(order\_id)) from extract\_orders where category=’TECH’  Select sum(product\_total)from extract\_orders where category=’ TECH’  Select count(distinct(customer\_id)) from extract\_orders where category=’TECH’ |
| ttl\_orders\_no\_s  ttl\_sales\_no\_s  ttl\_customer\_no\_s | INT  DECIMAL(15,4)  INT | Select count(distinct(order\_id)) from extract\_orders where category=’S’  Select sum(product\_total)from extract\_orders where category=’S’  Select count(distinct(customer\_id)) from extract\_orders where category=’S’ |
| ttl\_orders\_no\_oe  ttl\_sales\_no\_oe  ttl\_customer\_no\_oe | INT  DECIMAL(15,4)  INT | Select count(distinct(order\_id)) from extract\_orders where category=’OE’  Select sum(product\_total)from extract\_orders where category=’OE’  Select count(distinct(customer\_id)) from extract\_orders where category=’OE’ |
| ttl\_orders\_no\_b  ttl\_sales\_no\_b  ttl\_customer\_no\_b | INT  DECIMAL(15,4)  INT | Select count(distinct(order\_id)) from extract\_orders where category=’B’  Select sum(product\_total)from extract\_orders where category=’B’  Select count(distinct(customer\_id)) from extract\_orders where category=’B’ |
| ttl\_orders\_no\_c  ttl\_sales\_no\_c  ttl\_customer\_no\_c | INT  DECIMAL(15,4)  INT | Select count(distinct(order\_id)) from extract\_orders where category=’C’  Select sum(product\_total)from extract\_orders where category=’C’  Select count(distinct(customer\_id)) from extract\_orders where category=’C’ |
| ttl\_orders\_no\_dm<*idx*>  ttl\_sales\_no\_dm<*idx*>  ttl\_customer\_no\_dm<*idx*> | INT  DECIMAL(15,4)  INT | Join/get <*conf\_value*> according to conf\_index=<*idx*> and *conf\_name*=”dashb\_manufacturer” from Table: *conf\_dashboard*  Select count(distinct(order\_id)) from extract\_orders where product\_manufacturer\_name=<*conf\_value*>  Select sum(product\_total)from extract\_orders where product\_manufacturer\_name=<*conf\_value*>  Select count(distinct(customer\_id)) from extract\_orders where product\_manufacturer\_name=<*conf\_value*> |

**Configuration Table Design**

|  |  |  |
| --- | --- | --- |
| **Table Name** | conf\_dashboard | |
| **Column** | **Type** | **Description** |
| ID | INT | Auto increment index |
| CONF\_NAME | VARCHAR 150 | Configuration name for same aspect |
| CONF\_VALUE | VARCHAR 300 | Configuration value for a specific aspect |
| CONF\_INDEX | SHORT INT | Configuration index value for reference usage |

Sample Table Data for ***conf\_dashboard***

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **CONF\_NAME** | **CONF\_VALUE** | **CONF\_INDEX** |
| 1 | *dashb\_manufacturer* | HP | 1 |
| 2 | *dashb\_manufacturer* | Epson | 2 |
| 3 | *dashb\_manufacturer* | Canon | 3 |
| 4 | *dashb\_manufacturer* | Brother | 4 |
| 5 | *dashb\_manufacturer* | Double A | 5 |
| 6 | *dashb\_manufacturer* | ABBA | 6 |
| 7 | *dashb\_manufacturer* | Fuji Xerox | 7 |
| 8 | *dashb\_manufacturer* | Logitech | 8 |
| 9 | *dashb\_manufacturer* | Oki | 9 |