**DXC SQL ASSESSMENT**

1. SELECT a.account\_number, c.customer\_number, c.first\_name, c.lastname, a.account\_opening\_date FROM account\_master a INNER JOIN customer\_master c ON a.customer\_number = c.customer\_number ORDER BY a.account\_number

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| --- | --- | --- | --- | --- |
| **account\_number** | **customer\_number** | **first\_name** | **lastname** | **account\_opening\_date** |
| A00001 | C00001 | RAMESH | SHARMA | 12/15/2012 |
| A00002 | C00002 | AVINASH | MINHA | 6/12/2012 |
| A00003 | C00003 | RAHUL | RASTOGI | 5/17/2012 |
| A00004 | C00002 | AVINASH | MINHA | 1/27/2013 |
| A00005 | C00006 | CHITRESH | BARWE | 12/17/2012 |
| A00006 | C00007 | AMIT | BORKAR | 8/12/2010 |
| A00007 | C00007 | AMIT | BORKAR | 10/2/2012 |
| A00008 | C00001 | RAMESH | SHARMA | 11/9/2009 |
| A00009 | C00003 | RAHUL | RASTOGI | 11/30/2008 |
| A00010 | C00004 | PARUL | GANDHI | 3/1/2013 |

1. SELECT count(\*) AS Cust\_Count FROM customer\_master WHERE customer\_city = 'Delhi'

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| **Cust\_Count** |
| 4 |

1. SELECT c.customer\_number, c.first\_name, a.account\_number from customer\_master c INNER JOIN account\_master a ON c.customer\_number = a.customer\_number WHERE day(a.account\_opening\_date) > 15 ORDER BY c.customer\_number, a.account\_number

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| --- | --- | --- |
| **customer\_number** | **first\_name** | **account\_number** |
| C00002 | AVINASH | A00004 |
| C00003 | RAHUL | A00003 |
| C00003 | RAHUL | A00009 |
| C00006 | CHITRESH | A00005 |

1. SELECT c.customer\_number, c.first\_name, a.account\_number FROM account\_master a INNER JOIN customer\_master c ON a.customer\_number = c .customer\_number WHERE a.account\_status = 'TERMINATED' ORDER BY c.customer\_number, a.account\_number

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| **customer\_number** | **first\_name** | **account\_number** |
| C00001 | RAMESH | A00008 |
| C00003 | RAHUL | A00009 |

1. SELECT transaction\_type, count(transaction\_number) AS Trans\_Count FROM account\_master a JOIN transaction\_details t ON a.account\_number = t.account\_number WHERE customer\_number like '%001' GROUP BY transaction\_type ORDER BY transaction\_type

|  |  |
| --- | --- |
| **transaction\_type** | **Trans\_Count** |
| DEPOSIT | 3 |
| WITHDRAWAL | 3 |

1. SELECT count(customer\_number) Count\_Customer FROM customer\_master WHERE customer\_number NOT IN (SELECT customer\_number FROM account\_master)

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| **Count\_Customer** |
| 4 |

1. SELECT a.account\_number, a.opening\_balance+sum(t.transaction\_amount) Deposit\_Amount FROM account\_master a INNER JOIN transaction\_details t ON a.account\_number = t.account\_number WHERE t.transaction\_type = 'DEPOSIT' GROUP BY a.account\_number, a.opening\_balance ORDER BY a.account\_number

|  |  |
| --- | --- |
| **account\_number** | **Deposit\_Amount** |
| A00001 | 10000 |
| A00002 | 4000 |
| A00007 | 17000 |