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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| customers | | | |
| customer\_id | NUMBER(5) | PK |  |
| title | VARCHAR2(4) | CHECK IN (MRS, MISS, MR, DR) |  |
| customer\_firstame | VARCHAR2(20) | UPPER |  |
| customer\_lastname | VARCHAR2(30) | UPPER |  |
| address\_line1 | VARCHAR2(30) |  |  |
| town | VARCHAR2(20) |  |  |
| county | VARCHAR2(20) |  |  |
| postcode | VARCHAR2(8) |  |  |
| country | VARCHAR2(15) |  | ‘UK’ |
| contact\_number | VARCHAR2(11) | NOT NULL |  |
| email | VARCHAR2(30) | Unique |  |
| gender | VARCHAR(1) | CHECK IN (M, F) | M |
| date\_registered | DATE |  | sysdate |

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| sales\_staff | | | |
| staff\_id | NUMBER(5) | PK |  |
| title | VARCHAR2(4) | CHECK IN (MRS, MISS, MR, DR) |  |
| staff\_firstame | VARCHAR2(20) | UPPER |  |
| staff\_lastname | VARCHAR2(30) | UPPER |  |
| department | VARCHAR2(20) |  |  |
| address\_Line1 | VARCHAR2(30) |  |  |
| town | VARCHAR2(20) |  |  |
| county | VARCHAR2(20) |  |  |
| postcode | VARCHAR2(8) |  |  |
| country | VARCHAR2(15) |  | ‘UK’ |
| contact\_number | VARCHAR2(11) | NOT NULL |  |
| email | VARCHAR2(30) | Unique |  |
| gender | VARCHAR(1) | CHECK IN (M, F) | M |
| date\_registered | DATE |  | sysdate |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| payments | | | |
| payment\_id | NUMBER(5) | PK |  |
| amount\_paid | NUMBER(6,2) |  |  |
| date\_paid | DATE |  | sysdate |
| payment\_type | VARCHAR2(20) | NOT NULL |  |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| products | | | |
| product\_id | NUMBER(5) | PK |  |
| product\_name | VARCHAR2(40) | NOT NULL |  |
| catagory | VARCHAR2(25) |  |  |
| price | NUMBER(6,2) |  |  |
| stock | NUMBER(5) |  |  |
| weight | NUMBER(5,2) |  |  |
| location | VARCHAR2(20) |  |  |

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| suppliers | | | |
| supplier\_id | NUMBER(5) | PK |  |
| company\_name | VARCHAR2(30) | UPPER |  |
| address\_Line1 | VARCHAR2(30) |  |  |
| town | VARCHAR2(20) |  |  |
| county | VARCHAR2(20) |  |  |
| postcode | VARCHAR2(8) |  |  |
| country | VARCHAR2(15) |  |  |
| contact\_number | VARCHAR2(11) | Unique, NOT NULL |  |
| email | VARCHAR2(30) | Unique |  |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| supplier\_payments | | | |
| supplier\_payment\_id | NUMBER(5) | PK |  |
| amount\_paid | NUMBER(10,2) |  |  |
| payment\_date | DATE |  | sysdate |
| payment\_type | VARCHAR2(20) | NOT NULL |  |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| customer\_payments | | | |
| customer\_id | NUMBER(5) | PK, FK, NOT NULL |  |
| payment\_id | NUMBER(5) | PK, FK, NOT NULL |  |

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| customer\_orders | | | |
| order\_id | NUMBER(5) | PK |  |
| customer\_id | NUMBER(5) | FK, NOT NULL |  |
| staff\_id | NUMBER(5) | FK, NOT NULL |  |
| order\_date | DATE |  | sysdate |

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| customer\_invoices | | | |
| customer\_invoice\_id | NUMBER(5) | PK |  |
| customer\_id | NUMBER(5) | FK, NOT NULL |  |
| payment\_id | NUMBER(5) | FK, NOT NULL |  |
| invoice\_date | DATE |  | sysdate |

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| supplier\_orders | | | |
| supplier\_order\_id | NUMBER(5) | PK |  |
| supplier\_id | NUMBER(5) | FK, NOT NULL |  |
| order\_date | DATE |  | sysdate |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| supplier\_invoices | | | |
| supplier\_invoice\_id | NUMBER(5) | PK |  |
| supplier\_payment\_id | NUMBER(5) | FK, NOT NULL |  |
| invoice\_date | DATE |  | sysdate |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| supplier\_orderlines | | | |
| supplier\_order\_id | NUMBER(5) | PK, FK, NOT NULL |  |
| supplier\_invoice\_id | NUMBER(5) | PK, FK, NOT NULL |  |
| product\_id | NUMBER(5) | PK, FK, NOT NULL |  |

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| customer\_orderlines | | | |
| order\_id | NUMBER(5) | PK, FK, NOT NULL |  |
| customer\_invoice\_id | NUMBER(5) | PK, FK, NOT NULL |  |
| product\_id | NUMBER(5) | PK, FK, NOT NULL |  |