

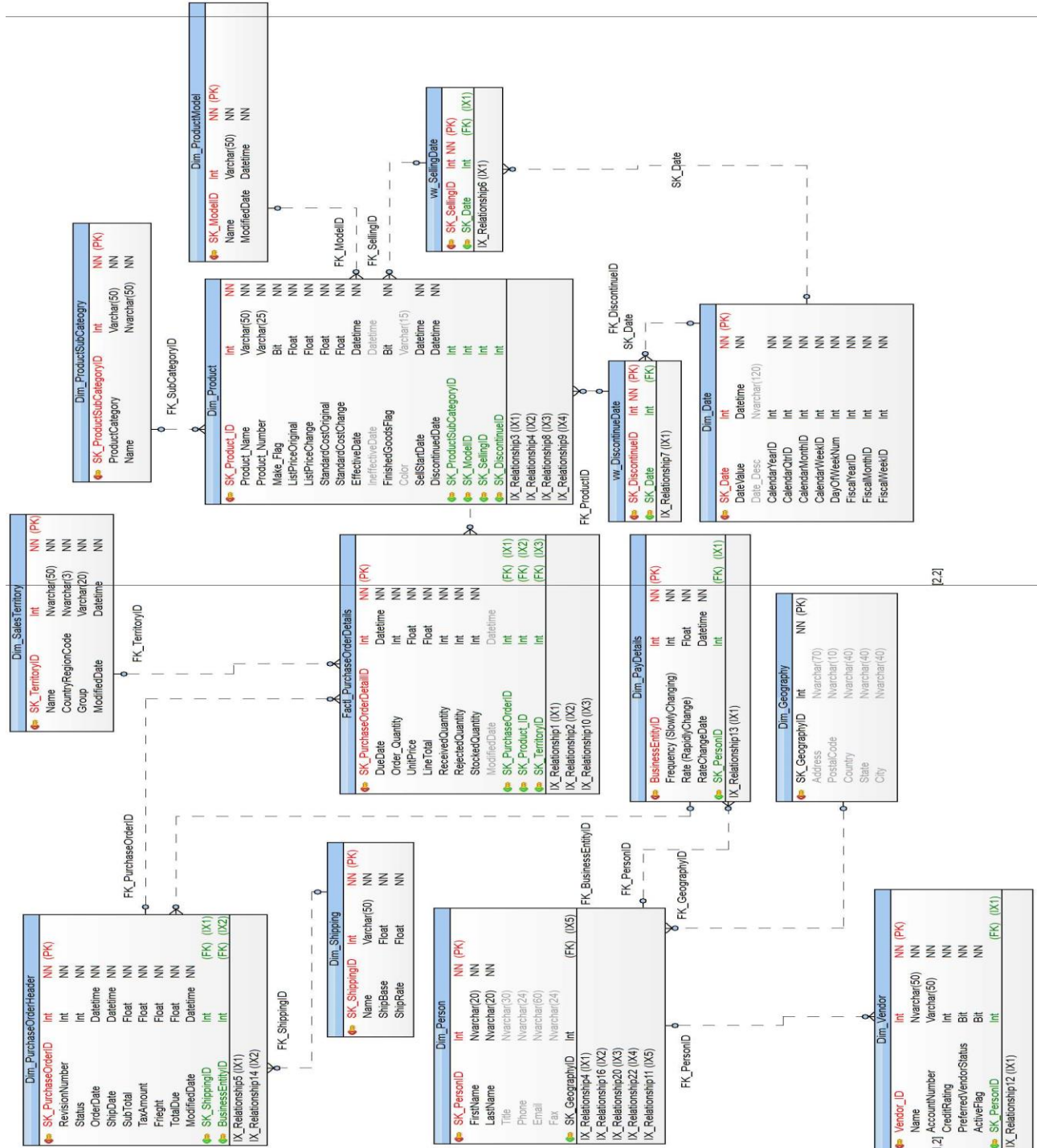
# INFO 7290 BI & DW

## AdventureWorks\_PurchasingDW

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### 1. Model Screenshot:



## Schema:

### 1. List of tables

Dim\_Date  
Dim\_Geography  
Dim\_PayDetails  
Dim\_Person  
Dim\_Product  
Dim\_ProductModel  
Dim\_ProductSubCategory  
Dim\_PurchaseOrderHeader  
Dim\_SalesTerritory  
Dim\_Shipping  
Dim\_Vendor  
Factl\_PurchaseOrderDetails  
vw\_DiscontinueDate  
vw\_SellingDate

### 2. Table: Dim\_Date

Field	Type	Null	Key
SK_Date	int(11)	NO	PRI
DateValue	datetime(6)	NO	
Date_Desc	varchar(120)	YES	
CalendarYearID	int(11)	NO	
CalendarOtrID	int(11)	NO	
CalendarMonthID	int(11)	NO	
CalendarWeekID	int(11)	NO	
DayOfWeekNum	int(11)	NO	
FiscalYearID	int(11)	NO	
FiscalMonthID	int(11)	NO	
FiscalWeekID	int(11)	NO	

### 3. Table: Dim\_Geography

Field	Type	Null	Key
SK_GeographyID	int(11)	NO	PRI
Address	varchar(70)	YES	
PostalCode	varchar(10)	YES	
Country	varchar(40)	YES	
State	varchar(40)	YES	
City	varchar(40)	YES	

4. Table: Dim\_PayDetails

Field	Type	Null	Key
BusinessEntityID	int(11)	NO	PRI
Frequency (SlowlyChanging)	int(11)	NO	
Rate (RapidlyChange)	double	NO	
RateChangeDate	datetime(6)	NO	
SK PersonID	int(11)	YES	MUL

5. Table: Dim\_Person

Field	Type	Null	Key
SK PersonID	int(11)	NO	PRI
FirstName	varchar(20)	NO	
LastName	varchar(20)	NO	
Title	varchar(30)	YES	
Phone	varchar(24)	YES	
Email	varchar(60)	YES	
Fax	varchar(24)	YES	
SK GeographyID	int(11)	YES	MUL

6. Table: Dim\_Product

Field	Type	Null	Key
SK Product ID	int(11)	NO	PRI
Product Name	varchar(50)	NO	
Product Number	varchar(25)	NO	
Make Flag	tinyint(1)	NO	
ListPriceOriginal	double	NO	
ListPriceChange	double	NO	
StandardCostOriginal	double	NO	
StandardCostChange	double	NO	
EffectiveDate	datetime(6)	NO	
IneffectiveDate	datetime(6)	YES	
FinishedGoodsFlag	tinyint(1)	NO	
Color	varchar(15)	YES	
SellStartDate	datetime(6)	NO	
DiscontinuedDate	datetime(6)	NO	
SK ProductSubCate...	int(11)	YES	MUL
SK ModelID	int(11)	YES	MUL
SK SellinID	int(11)	YES	MUL
SK DiscontinueID	int(11)	YES	MUL

7. Table: Dim\_ProductModel

Field	Type	Null	Key
SK ModelID	int(11)	NO	PRI
Name	varchar(50)	NO	
ModifiedDate	datetime(6)	NO	

8. Table: Dim\_ProductSubcategory

Field	Type	Null	Key
SK_ProductSubCategoryID	int(11)	NO	PRI
ProductCategory	varchar(50)	NO	
Name	varchar(50)	NO	

9. Table: Dim\_PurchaseOrderHeader

Field	Type	Null	Key
SK_PurchaseOrderID	int(11)	NO	PRI
RevisionNumber	int(11)	NO	
Status	int(11)	NO	
OrderDate	datetime(6)	NO	
ShipDate	datetime(6)	NO	
SubTotal	double	NO	
TaxAmount	double	NO	
Frieght	double	NO	
TotalDue	double	NO	
ModifiedDate	datetime(6)	NO	
SK_ShippingID	int(11)	YES	MUL
BusinessEntityID	int(11)	YES	MUL

10. Table: Dim\_SalesTerritory

Field	Type	Null	Key
SK_TerritoryID	int(11)	NO	PRI
Name	varchar(50)	NO	
CountryRegionCode	varchar(3)	NO	
Group	varchar(20)	NO	
ModifiedDate	datetime(6)	NO	

11. Table: Dim\_Shipping

Field	Type	Null	Key
SK_ShippingID	int(11)	NO	PRI
Name	varchar(50)	NO	
ShipBase	double	NO	
ShipRate	double	NO	

12. Table: Dim\_Vendor

Field	Type	Null	Key
Vendor ID	int(11)	NO	PRI
Name	varchar(50)	NO	
AccountNumber	varchar(50)	NO	
CreditRating	int(11)	NO	
PreferredVendorStatus	tinyint(1)	NO	
ActiveFlag	tinyint(1)	NO	
SK PersonID	int(11)	YES	MUL

13. Table: FactI\_PurchaseOrderDetails

Field	Type	Null	Key
SK PurchaseOrderDetailID	int(11)	NO	PRI
DueDate	datetime(6)	NO	
Order Quantity	int(11)	NO	
UnitPrice	double	NO	
LineTotal	double	NO	
ReceivedQuantity	int(11)	NO	
RejectedQuantity	int(11)	NO	
StockedQuantity	int(11)	NO	
ModifiedDate	datetime(6)	YES	
SK PurchaseOrderID	int(11)	YES	MUL
SK Product ID	int(11)	YES	MUL
SK TerritoryID	int(11)	YES	MUL

14. Table: vw\_DiscontinueDate

Field	Type	Null	Key
SK DiscontinueID	int(11)	NO	PRI
SK Date	int(11)	YES	MUL

15. Table: vw\_SellingDate

Field	Type	Null	Key
SK SellingID	int(11)	NO	PRI
SK Date	int(11)	YES	MUL