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| Week #4 Assignment  In Class Assignment | Practice the JOIN.  Maziar Shajari  Advanced Database |

We are going to work with **Adventurework** database. Therefore, open **Adventurework** database as your default database. Do not forget to use the SQL standards.

1. If you take a look at the Product table in the Production schema, so (Production.Product) you will see a large selection of products that the company sells. Now look at the Production.ProductReview table. This table lists all the products that customers have written reviews for. (Amazon will ask you to review each product once you purchase it). I would like you to come up with a SQL query that will list the Name, ProductReviewID and Color of each product that has a review written for it and is not of the color Multi or Yellow.

Hint: Now there are only 4 products that have ratings associated with them, so as a hint, you result set should be just 3 rows or records.

1. Consider a join between the SalesTerritory table and the SalesPerson table on their TerritoryID columns. A basic join should show the any territory that has been assigned to a sales person.

However I would like you to produce SQL that would display 3 columns, the Territory name, the BusinessEntityID and the Year to Date sales numbers. Add in filters to show only rows where the YearToDate numbers are over $1 Million and are in the US region and the percentage of commission given to the BusinessEntityID is less than 10%.

Hint: you should end up with 8 rows.

1. Expand the above query to also include the sales person’s first and last names. You can use person table to get the names.
2. Build a query that will return the FirstName, LastName, BusinessEntityID, Title and NationalIDNumber of top 15 employees in the company sorted by their firstname. Your query without (top 15) should return 290 rows.