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BIDD 210 B

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Final Project

Lessoned Learned

The first course into the Business Intelligence Database Development was an amazing learning experience. I’ve learned a lot this quarter about Data Warehouses, Data Modeling, SQL, Cubes, MongoDB, and Cloud Services that are applicable to my current job and future career. When I first started the program, I struggled to put together a database design for work. I had an idea of what a dimensional design was but could not figure out how to implement one in SQL Server. Two weeks into the program, I was able to apply what I learned from Module 2 on Data Warehouse Modeling to construct a database and work towards completing the ETL code. The material on building the database tables, creating surrogate keys, constraints, and de-normalization really helped solidify my knowledge of Business Intelligence and Database Design.

My biggest takeaway from this quarter was the material on Data Warehouse Modeling and ETL development. During my spare time at work, I read ahead to chapters 1-8 in Randal’s Pro SQL Server 2012 BI Solutions book and learned so much about ETL design and creating SSIS packages in Visual Studio. With the knowledge I learned about loading Dimensions, Facts, capturing slowly changing dimensions, stored procedures, Data Flow Tasks, and Foreign Key Constraints, I finished my Database project at work and presented it to my team. In addition, I was able to interview and land a new role as a Business Intelligence Engineer with an amazing company. This was an enormous accomplishment for me because I struggled in the past with landing more technical roles. My recent accomplishments would not have been possible without taking this course so I’m very thankful to Randal for being an amazing instructor.