**BDM 1034 - Application Design for Big Data**

**Lab4 Asynchronous**

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**Submitted to: Prof. Teresa Zhu**

Here I have attached the certificate I achieved from Linkedin learning for Course “**Implementing a Data Warehouse SQL Server 2019”** along with the Screenshot of score I achieved

**Chapter 1: Data ware house Foundations**

**Chapter Quiz**

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Description automatically generated**

**Chapter 2: Create a Dataware house SQL**

**Fact and Dimension Schema**

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Description automatically generated**

**Dimension table:**

**A computer screen capture

Description automatically generated with medium confidence**

**Fact table:**

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**Indexed views:**

**A computer screen capture

Description automatically generated with medium confidence**

**Chapter quiz:**

**Graphical user interface, application

Description automatically generated**

**Chapter 3: Columnstore Indexes**

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Description automatically generated with medium confidence**

**Memory optimized columnstore table**

**A computer screen capture

Description automatically generated with medium confidence**

**Rebuild Column Store indexes**

**A computer screen capture

Description automatically generated with medium confidence**

**Chapter quiz:**

**Graphical user interface, application

Description automatically generated**

**Chapter 4 : Implementing an Azure SQL Data Warehouse**

**Chapter Quiz:**

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**Chapter 5:Extract Transform and Load**

**Chapter quiz:**

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**Chapter 6: Enforce Data Quality**

**SQL Server Data Quality Services(DQS)**

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**After Data Quality Server installation**

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**Insert Data into DW**

**A screenshot of a computer

Description automatically generated with medium confidence**

**Data Cleaning**

**Graphical user interface, text, application

Description automatically generated**

**Cleaned Data:**

**A computer screen capture

Description automatically generated with low confidence**

**Custom Knowledge Base:**

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Description automatically generated**

**Chapter quiz:**

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**Chapter 7: Master Data services**

**Chapter quiz:**

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**Course Completion:**

**Text

Description automatically generated**