

# Omkar Daphal

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## Profile

Around 4 years of experience in designing and developing ETL, Database Warehouse and BI Dashboards. Seeking to leverage my technical skills, business acumen and creative solutions to engage customers and resolve complex data challenges.

## Education

Master of Science	: Information Systems, Northeastern University, USA	Sept 2016 – May 2018
Bachelor of Engineering	: Information Technology Mumbai University, India	Aug 2009 – June 2014

## Professional Experience

**Lincoln Financial Group**, New Hampshire, USA  
SQL Developer II

**June 2020 – Present**

- Design and develop ETL packages using SSIS to integrate newly captured data from Sybase and Oracle 11g into SQL Server 2016 data warehouse and process rejects efficiently
- Write SQL scripts to create functions, store procs, tables that executes SSRS reports and SSIS components
- Improved query performance by table partitioning, reordering joins and indexing key fields.
- Collaborate with other teams and business to predict/analyze downstream changes and align with corresponding sprint

**Avis Budget Group**, Parsippany, USA  
SQL BI Developer

**Feb 2019 – March 2020**

- Maintain and update ETL process to load data from Workday, WorkJam and JDA cloud into Data Warehouse
- Update and modify the SSIS packages and SSRS report as per changing data structure and business needs
- Design, develop update daily/monthly sales and payroll reports to be delivered to upper management
- Migrating legacy system from SQL Server 2008 to SQL Server 2016 and Jet Access to SQL Server 2016

**Tory Burch**, Jersey City, USA  
SQL Developer

**Oct 2018 – Dec 2018**

- Migrated data from Oracle SQL to MySQL and performed data profiling using SQL to develop database app
- Gathered business requirements and converted it into SOX compliance SQL store procs, functions, triggers and appended to front end .NET code
- Optimized stored procedures, functions, cursors by analyzing execution plan, query stats in MySQL '18
- Wrote a SQL script to search for text across all tables, rows in a database

**Ultra Media & Entertainment**, Mumbai, India

**Aug 2014 – July 2016**

*Marketplace Analyst, Data Analysis*

- Extracted, analyzed, evaluated monthly and quarterly sales data and strategized impending business policies
- Optimized inventory by predicting sales, developed safety stock methods that increased profits by 12%
- Analyzed pricing strategy, researched market conditions and reported CPI (Competitive Price Index)

## Academic Projects

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Data Integration and Visualization of Adventure Works

Nov 2017 – Dec 2017

- Pipelined data from various SOR's into data lake using **Talend** and **SSIS**. Implemented Slowly Changing Dimensions, Performance tuning. Generated reports using filters, calculated measures and hierarchies
- Created Dashboards gaining analytical insights to increase sales of the product sold using **Tableau** and **Qlik**

Chatbot

Mar 2018 - Apr 2018

- Developed an **AI** chatbot in **Python** which communicate to users in owner's personalized way of speaking
- Parsed data from Facebook, implemented **RNN**, **LSTM**, **Seq2Seq** model in **deep learning** for intelligent reply

Big Data

Mar 2017 – Apr 2017

- Analyzed over 10 years of stock market data in **Scala** streamed with **Spark** and achieved **52%** accuracy in prediction of future price by implementing **Decision Tree** and **Linear Regression machine learning** algorithm
- Designed, developed and hosted UI for Stock Market Analysis to display the output using web technologies

## Certificate

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|---------------------------------|---------------------------|
| • Tableau 10 Essential Training | Jun 2018 – No Expiration  |
| • Python Essentials             | July 2017 – No Expiration |
| • IEEE Research:                | Dec 2015 – No Expiration  |
- Allotment of independent task based on complete load balancing

## Knowledge & Skills

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|---|--|
| • <b>Development &amp; Visualizing Tools:</b> | Tableau, Azure, Talend, PowerBI, SSIS, Qlik, Visual Studios, MS Office |
| • <b>Programming Languages:</b>               | Python, SQL, Java, HTML, CSS, JavaScript                               |
| • <b>Database Technologies:</b>               | MYSQL, Oracle SQL, Postgre, MS SQL Server, Pig, Hive, Hadoop, Spark    |
| • <b>Miscellaneous:</b>                       | ETL, SSRS, SSAS, OLAP, OLTP MS Access, VM Ware, SDLC                   |

## Hobbies

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- Hiking, Biking, Cooking