Summary of Experience in data management

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- 1. Summary of my experience in data modeling and analysis:
 - ER data modeling
 - SQL programming, Oracle PL/SQL
 - Database design
 - Oracle data administration
 - Microsoft Azure-ML platform
 - R-Programming
 - Data loading and cleaning
 - Exploratory data analysis
 - Reproducible Research
 - Statistical Inference
 - Regression models
 - Developing data products
 - Practical Machine Learning
- 2. Some of data science projects:
 - Building a word predictor model for a messaging application using N-Grams. It was in the field of text mining and NLP. I used stupid backoff algorithm and developed as shinyapp for demonstration.
 - Building a model for prediction of inflation expectations based on twitter tweets data. We found high correlation between CPI data and people tweets. It is in the field of topic-analysis and we used latent dirichlet allocation (LDA) for topic extraction.
 - Retail Price optimization based on sales data of a chain-store. Demand modeling using Syntetos
 approach to categorize items in groups: Lumpy, Erratic, Smooth and Intermittent. Application of
 PCA (Principle Component Analysis) to find most influential variables affecting demand.
- 3. Besides these, I have done a couple of data analysis tasks in the following areas:
 - Tracking of vehicles
 - Utility billing data
 - Trade exchange data
 - FMI data
 - Retail Store data
- 4. I hold a certificate on data-science specialization (including 10 courses) by Johns Hopkins University.