Theodore R. Dickey II

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Website: analyticsbyted.github.io/portfolio
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Education

M.S., CUSTOMER ANALYTICS | JAN. 2019 – EXP: MAY 2022 | XAVIER UNIVERSITY GPA: 3.87

MBA, BUSINESS INTELLIGENCE | AUGUST 2021 | XAVIER UNIVERSITY GPA: 3.88

BBA, FINANCE | MARCH 2010 | UNIVERSITY OF CINCINNATI

Skills & Abilities

DATA MINING
· Gathering data from external and internal sources including data warehouses Preprocessing, cleaning, and wrangling data for usage in advanced analytics to gain insights.

SUPERVISED AND UNSUPERVISED LEARNING MODELS
· These include regression, classification, and mixed models with known or unknown outcomes to inform probable predictions or outcome categories.

BUSINESS INTELLIGENCE PRESENTATION AND REPORTING
· Generating reports, graphics, and data presentations in Tableau and Excel including the creation of interactive dashboards and storyboards to communicate with executives, clients, and other interested parties.

OTHER ADVANCED ANALYTICS
· Predictive and Prescriptive analytics using regression or classification methods including linear regression, logistic regression, random forests, k-nearest neighbors, neural networks, confusion matrices, etc. Creating static and interactive reports using Tableau, Power BI, and Excel
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Tools
· Programming in R, SAS, SQL, JMP, Python, GGPLOT2, XL Miner, Excel, Tableau, Power BI
· Relational database management systems using SQL, Teradata, MySQL, MSSQL, Azure

Published Work Examples

- ❖ [Tableau Public location for dashboards and other interactive presentations examples](#)
- ❖ [Github Data Science and Business Intelligence Portfolio](#)
- ❖ [Advanced Analytics examples using R programming](#)
- ❖ [Regression Prediction Competition using loan applicant data](#)

Experience

DATABASE MANAGEMENT | HOMELIFE REALTY, LLC | 2014-2016

· MSSQL dimensional and relational data modeling with a good understanding of SSRS, SSIS, and SSAS. Database design.

STUDENT ASSISTANT | UNIVERSITY OF CINCINNATI | 2 YEARS

Office of the Sr. VP and Provost, Helper to Asst Sr. VP and Provost for Budgetary Affairs

· Access and retrieve financial data from warehouse for preprocessing

· Generate prof-formas using predictive analytics using Excel Advanced modeling and Solver.

· Compare actuals to forecasted, flagging exceptions and outliers

CO-OP | CHIQUITA BRANDS INTERNATIONAL | 6 MONTHS

Great White Fleet, Ltd. Commercials Operations Management

· Prepare financial and logistical reports for use by Executive Board. Generate both actual-to-date and pro- forma reports

· Build and maintain databases for manipulation and analyses

· Track claims for damaged freight and prepare position letters to customers

CO-OP | WILMER, CUTLER & PICKERING, WASH. D.C. | 6 MONTHS

Securities Litigation & Enforcement Group, Project Assistant

· Analyze securities trading records and corporate financial documents using analytics tools

· Create results presentations in a spreadsheet application.

· Assist with document review and retrieval from client offices.

TECHNICAL ANALYST | XEROX CONNECT | 6 MONTHS

· Install, configure, upgrade, and maintain hardware and software.

· Perform hardware modifications.

· Troubleshoot, diagnose, and resolve or escalate networking, and security issues.

· Document all service calls.