

Marvin Mananghaya

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Education

New York University, New York, NY Expected August 2019
Master of Science in Applied Urban Science and Urban Informatics

De La Salle University, Manila, Philippines December 2012
Bachelor of Science in Applied Economics and
Bachelor of Science in Commerce, Major in Management of Financial Institutions

Professional Experience

Standard Chartered Bank, Makati, Philippines November 2015 – November 2016
Retail Analytics Analyst

- Provided cross-functional statistical support to team heads in the products & segments department and the retail operations department and developed and modified programs for outsourced processes at GSSC Chennai.
- Initiated process automation of the analytics team periodic reports that reduced reporting turnaround time by 80% and team headcount requirements by 2 - 3 members leading to cost reductions by atleast PHP 2 million.
- Identified and remediated various data quality concerns to meet internal and external regulatory requirements resulting to the development of a datamart used by the analytics team.
- Improved name screening program, improved fuzzy matching accuracy and reducing runtime from 3 hours to 30 minutes.
- Conducted post-marketing campaign analysis of customer usage and spend behaviour, engagement and profitability and provided recommendations.
- Performed the migration of the Personal and Salary loans data to the acquiring company, Eastwest Bank.

Acquire Computer and Communications, Makati, Philippines September 2013 – October 2015
Associate Technical Consultant

- Assigned as a full-time contractor to SAS Institute as a business intelligence lead consultant specializing in visual analytics.
- Deployed to 11 end-to-end analytics projects in various industries such as financial services, government agencies, retail, telecommunications, fast food and brewery; lead 3 of the 11 projects that usually consists of 2 - 4 consultants.
- Developed simulations and statistical reports for customer profiling study in optimizing a bank's anti-money laundering system detection parameters for suspicious transactions, which lead to continued service relations with the bank.
- Pioneered a set of system integration best practices that improved SAS-Hadoop system integration that transformed a telecommunications company's 4 – 8-hour processing task to become a 20 – 30 minutes task.
- Developed and conducted on-site technical demos of SAS Visual Analytics to various customers; performed data engineering tasks and developed report templates that is carried over and used by full implementation projects.
- Performed business analyst functions such as business user requirements, estimated project timelines and resource requirements.
- Conducted trainings to clients and other employees, as well as mentored junior consultants.

Certificates

EdX

- CS100.1x Introduction to Big Data with Apache Spark
- CS190.1x Scalable Machine Learning
- 6.00.1x Introduction to Computer Programming Using Python
- BAMB.101x Analytics in Python

Coursera

- A Data Scientist's Toolbox
- R Programming
- Exploratory Data Analysis
- Practical Machine Learning

SAS Institute

- SAS Macro Language 1: Essentials
- SAS Programming 1: Essentials
- SAS Programming 2: Data and manipulation techniques
- SAS Enterprise Guide 1: Querying and reporting
- SAS SQL1: Essentials
- SAS Data Integration Studio 1: Essentials
- SAS Visual Analytics: Fast Track
- Creating Business Intelligence for your organization: Essentials
- SAS Deployment Wizard

Skills

Language: Filipino, English

Computer skills: Python, SAS, R, SQL, Windows Scripting (Batch/VBA/VBScript/Powershell), Oracle, Hadoop (HDFS/Hive/Spark), Teradata, Unix/Linux