Chia-Yi Yen
Data Analyst

Skilled in Python,SQL and R programming with 1+ year of experience in analyzing customer behavior,
including Machine Learning and Data Science.

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Personal Website: https://nadiayen.github.io/

EXPERTISE & SKILLS

Programming Languages:	SQL, Python (Scikit-Learn, Pandas), R
Productivity Tools:	Tableau, Excel
Languages:	English, Chinese(Mandarin), Italian, Hokkien
Skills:	Customer Analysis, Classification, Principle Component Analysis, Decision Tree Analysis

EXPERIENCE

Project Manager
Taroko Door and Window Technologies, Inc., Kaohsiung, Taiwan   08/2020 – 08/2021
- Launch new product on amazon : DIY retractable screens
- Reduce new product cost by 25 %
- Improve 30 % of product visibility on the official website by using Google Trends and Google Analytics
- Reduce cross-functional communication time by 20 %
- Cut 30 % of information gathering time by building a new data spreadsheet

Sales Representative
Taroko Door and Window Technologies, Inc., Kaohsiung, Taiwan   02/2020 – 08/2020
- Manage and maintain business with international clients
- Increase reach rate of the official website by 30 % using customized content
- Increase social media visibility by 70% using keywords in google trends
- Expand the potential client base by 35 % in a 3-month period

EDUCATION

The University of Texas at Dallas, Texas, U.S.A.
M.S. in Business Analytics - Data Science track   Expected 05/2024
GPA: 3.78 /4.0

National Sun Yat-sen University, Kaohsiung, Taiwan
M.S. in China and Asia-Pacific Studies   06/2018
GPA: 3.99 /4.3

Fu Jen Catholic University, New Taipei City, Taiwan
Bachelor of Arts in Italian Language and Culture   06/2015
- Exchange program: L'Università Ca' Foscari Venezia
GPA: 3.6 /4.0

PROJECTS

Modeling for Business Analytics, UT Dallas
- **Movie Box Revenue Prediction**   09/2022
- **Supermarket Transaction Analysis**   10/2022
- **Classification- Decision Tree Analysis**   11/2022
- **Regression with Maximum Likelihood Estimation**   11/2022
- **Model Evaluation**   12/2022

Database Foundation for Business Analytics, UT Dallas
- **Youtube Video Click Rate Analysis**   12/2022
  - Generated a seven-page report with ten business insights on the influence of YouTuber
  - Presented a data visualization report by using five kinds of diagram, including coxcomb, box plot, and scatter plot with a two-cluster regression

ACTIVITIES

- XXIV World Congress of the Apostleship of the Sea (2017)
- The 12th Young Leaders for Foreign Affairs Program (2017)
- The Sizihwan International Conference on Asia-Pacific Studies "Challenges to Local Politics in the Asia-Pacific Region" (2017)
- Lectures hostess of Fu Jen University (2012)
- Led student visit the Ministry of Foreign Affairs (2012), Ministry of Justice Investigation Bureau (2011)
- National English speech contest (2010)
- English Speech Contest in Kaohsiung Municipal Siaogang Senior High School (first place, 2010)
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