MELISSA PANIAGUA-RAMIREZ

6800 Alpha Drive Apt. 285 Kent, Ohio 44240

+1 (765) 337 1022 ⋄ melipr.24@gmail.com

EDUCATION

Master of Science in Business Analytics, degree anticipated Aug. 2021
Kent State University, Kent, OH, USA

Certificate in Data Analytics, Dec. 2019
Ivy Tech Community College, Lafayette, IN, USA
GPA: 3.96/4.00

Bachelor of Science in Business Management, Dec. 2015
University of Costa Rica, Costa Rica
GPA: 8.37/10.00

COMPUTING SKILLS

Advanced	Microsoft Office Suite
Intermediate	R, Tableau, Google Data Studio, Oracle Database 11g Express, MySQL, Microsoft SQL Server 2017
Basic	Python, AWS (S3, Athena, Quick Sight), Google BigQuery, Rapid Miner Studio, SQL Developer

PROJECTS (SEE MORE AT GITHUB MELISSAPR24)

American Universities Clustering Model
· Implemented unsupervised K-means model to cluster universities based on different measurements to get insights and make predictions.

Flight Status Classification Model
· Classified flight status utilizing Naive Bayes supervised model to predict if a new flight with be classified as delayed or on-time.

Transportation Problem in LP
· Developed a LP model to find the optimal solution to minimize the combine cost of production from each plant and shipping to different warehouses.

EXPERIENCE

Data Analyst
Starting Nov. 2nd 2020

Data Management & Analyst Team, Kent State University. — Kent, OH

· Cognos Analytics reports and PowerBI dashboards to suit the business needs. More details TBD.

Reporting Analyst - Data Visualization — Ad honorem
Nov. 2019 - Jun. 2020

Charles F. Day & Associates LLC — West Lafayette, IN

· Tested dashboards and created interactive data visualization utilizing Tableau, QuickSight, and Google Data Studio.
· Performed data cleaning and data parsing with R for big data sets.
· Analyzed complex data sets by performing SQL queries on Athena.
· Built a Sankey flow Diagram to understand Americans' academic path and identify the highest dropout rates to help a client design scenarios to focus its resources on a better-defined target market and reduce this gap.

Research Assistant
Aug. 2019 - Jun. 2020

Vernon Smith Experimental Economics Laboratory, Purdue University — West Lafayette, IN

· Assisted researchers who conduct behavioral research in a variety of economics and management areas.
· Efficiently recruited more than 50 participants for deploying different experiments.
· Tested computer labs to ensure the accuracy and performance of the tools utilized during the experiments.

Research Assistant
Aug.- Nov. 2017

Effects of Joining a Multinational Supply Chain in Costa Rica Research Project — West Lafayette, IN

- Successfully assisted the research agenda related to projects using Costa Rican administrative data.
- Collaborated with data cleaning and data collection from more than 1000 enterprises for statistical analysis.
- Accurately collected vital enterprise information for the research project goals.

Administrative Assistant
Enrollment & Information Office at the University of Costa Rica

Mar. - Jun. 2015

Puntarenas, Costa Rica

- Provided exceptional customer service solving student's needs.
- Utilized organizational skills when providing support to manage students' academic records.
- Facilitated an orientation event for 100 people.
- Implemented different research methods such as interviews, focus groups, observation, and surveys to evaluate the department's activities and look for insights to enhance the university's objectives.

Data Entry Internship
Popular Bank & Community Development of Costa Rica

Aug.- Nov. 2014

Puntarenas, Costa Rica

- Expeditiously assisted the finance company to switch more than 2000 customers' data into from physical files into a computer-based system ensuring data integrity.
- Accurately entered over 150 records per day to achieve the company's goals.
- Assisted the company with diligent customer service.

LANGUAGES

Spanish   Native
English   Full Professional Proficiency

RELEVANT ACADEMIC COURSEWORK

Fundamentals of Machine Learning	Marketing Research Management
Quantitative Management and Data Modeling	Quantitative Methods for Decision Making
Business Intelligence & Data Warehousing	Cost Analysis for Decision Making
Microsoft SQL Server Maintenance	Business Analytics
Data Management using Structure Query Language	Descriptive and Inferential Statistics

VOLUNTEER AND EXTRACURRICULAR ACTIVITIES

Research Lead in a non-profit organization
Costa Rican Women in Data Science, Costa Rica

Aug. 2020 - Present

Women in Data Science Conference
Purdue University, IN

Mar. 2019

Student Leadership Conference
Marriot East Hotel, Indianapolis, IN

Nov. 2018

Student Leadership Academy
Ivy Tech Community College, IN

Oct.- Nov. 2018

English as a Second Language
Lafayette Adult Resource Academy, IN

2016 - 2017

Administrative support in a non-profit medical facility
Accompany Me Association: Pain Control and Palliative Care, Alajuela, Costa Rica

Mar. - Jul. 2014

AWARDS

M.S. in Business Analytics Academic Excellence Scholarship
Kent State University, OH

Aug. 2020

First Place 2019 Statewide IT Challenge
Ivy Tech Community College, IN

Apr. 2019

First Place Expo Innova. Project: GuanaLife
University of Costa Rica, Costa Rica

Jun. 2014

First Place Expo Innova. Project: Naramky
University of Costa Rica, Costa Rica

Jun. 2011