

Cennen Del Rosario

Certified Azure Data Scientist · N2 Japanese Language Specialist

A data scientist with proven experience in various data engineering and modelling techniques. An expert in AI, analytics, and machine learning. His current research work involves the application of Natural Language Processing in JLPT materials. He used to be a software engineer developing web applications in banking, airline and healthcare industries.

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Check out my sample works and credentials here



SKILLS

Machine Learning Modelling

Data Engineering

Natural Language Processing

Data Visualization

Software Engineering

Hypothesis Testing

Time Series Forecasting

Bayesian Analytics

Survival Analysis

Numerical Optimization

Bioinformatics

ALGORITHM STACK

Linear Regression Logistic Regression				
KDE	Ridge K-Mea		eans	PCA
SVM	LDA	Metro	polis-H	lastings
Naive Bayes KNN Gibbs Sampler				
Random Forest Gradient Boosting				
Markov Chain Monte Carlo CNN				
Decision Trees				
Bootstr	Cluste	ering	LSTM	
ARIMA	ETS	VARMAX GA		GAM
CoxPH Kaplan-Meier Cubic Spline				

WORK EXPERIENCE

Data Scientist 2023 PACIFIC FOOD, INC. **Data Scientist** 2021 UnionBank **Data Scientist** 2019 teradata. Senior Developer 2016 Deloitte. IUN Digital Senior Developer 2015 NarraSoft Software Engineer 2011 **POINTWEST**

- Conduct ETL, insights extraction and pattern recognition through machine learning, statistical analyses and modelling
- Identified impact of El Nino to CPFI products
- Optimized office space allocation and sourcing of sardines
 - Determined the price-demand elasticity of 555 Sardines
- Provided end-to-end data analytics solutions for Aboitiz group of companies
- Forecasting electricity market demand and price
- Statistical optimization of contract price and portfolio
 - Modelling sulfur dioxide emission and outages of power plants
- Evangelized time series analysis to the Analytics team
- Applied survival analysis in a Banking Churn POC project
- Created POC in topic modelling and NLP of 日本語 tweets
- Handled Perl in a data migration project
- Built, maintained, and supported websites in AEM
- Managed marketing campaigns using Adobe Campaign
- Acted as DevOps support for a retirement company
- Developed and maintained websites using CQ5
- Functioned as a full-stack developer for a US retail company
- Practiced all aspects of Agile software development
- Contributed to the website development and maintenance of a local bank and a US airline company
- Lead a team of junior developers in a web reskinning project

EDUCATION AND TRAININGS

University of the Philippines BGC, Taguig City

Professional Master in

University of the Philippines Diliman, Quezon City

2004-2010

<u>Ongoing</u>

Data Wrangling Statistical Inference Computational Statistics Machine Learning Forecasting Analytics Bayesian Analytics Deep Learning Knowledge Data Discovery Linear Programming

Online Courses

1 Udemy

Survival Analysis in R Interactive Dashboard with Plotly and Dash Python for Time Series Data Bioinformatics with Python 2020 Reinforcement Learning

Linked in Learning

Advance Your Skills in Deep Learning and Neural Networks Become a Financial Analyst Become a Machine Learning Specialist

Become a Business Analytics Expert Become a Data Analytics Specialist Tableau Essential Training Become a Data Visualization Expert

Trainings & Certifications



PHILIPPINE GEN Bioinformatics Training: Viral Metagenomics and Protein

Structure Analysis





TECHNOLOGY STACK









































