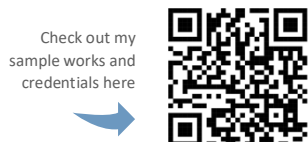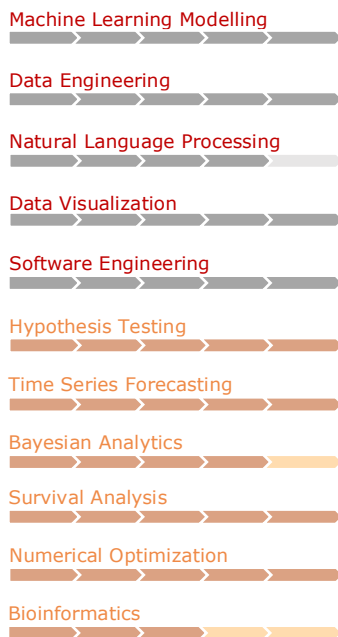# Cennen Del Rosario

Certified Azure Data Scientist · N2 Japanese Language Specialist

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

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linkedin.com/in/cennendelrosario
github.com/kendelrosario

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-Means · PCA · SVM · LDA · Metropolis-Hastings · Naive Bayes · KNN · Gibbs Sampler · Rando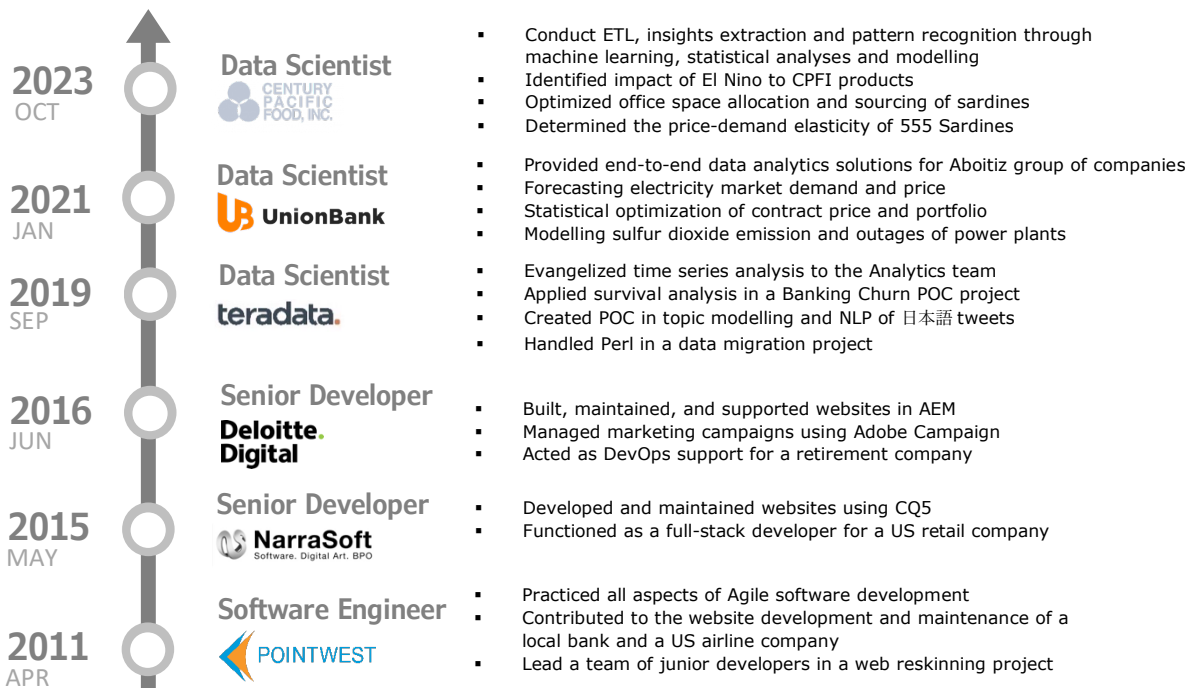m Forest · Gradient Boosting · Markov Chain · Monte Carlo · CNN · Decision Trees · Association Rules · Bootstrapping · Clustering · LSTM · ARIMA · ETS · VARMAX · GAM · CoxPH · Kaplan-Meier · Cubic Spline

WORK EXPERIENCE

2023 OCT — Data Scientist, Century Pacific Food, Inc.
- 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

2021 JAN — Data Scientist, UnionBank
- 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

2019 SEP — Data Scientist, teradata
- 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

2016 JUN — Senior Developer, Deloitte Digital
- Built, maintained, and supported websites in AEM
- Managed marketing campaigns using Adobe Campaign
- Acted as DevOps support for a retirement company

2015 MAY — Senior Developer, NarraSoft
- Developed and maintained websites using CQ5
- Functioned as a full-stack developer for a US retail company

2011 APR — Software Engineer, POINTWEST
- 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

Bachelor of Science in Electronics and Communications Engineering
University of the Philippines Diliman, Quezon City
2004-2010

Professional Master in Data Science (Analytics)
University of the Philippines BGC, Taguig City

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

Online Courses

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

LinkedIn 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

- Microsoft Certified Azure AI Fundamentals
- Microsoft Certified Azure Data Scientist Associate
- PGC Philippine Genome Center — Bioinformatics Training: Viral Metagenomics and Protein Structure Analysis
- StoryIQ — Data Storytelling for Business
- Adobe — Adobe Campaign for Developers

TECHNOLOGY STACK

python · Azure · databricks · scikit learn · tableau · docker · biopython · Google Data Studio · Jupyter · Google colab · TensorFlow · Keras · R · plotly | Dash · PyTorch Lightning · SQL · Java · Adobe Experience Manager · HTML · CSS · JS