

# Ricardo Nunez

Authorized to work in the US for any employer

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## Professional Summary

Data analyst trained in statistics, economics, programming, and IT management with 5+ years of experience extracting, transforming, and generating insights from data. Strong emphasis on credit risk analysis and management in the mortgage industry. Experience working in different sectors ranging from environmental services to finance. Versed in statistical tools like Python, R, Excel, etc. Highly educated, possessing a bachelor's in economics and a master's in business analytics. Bilingual in English and Spanish.

## Skills

• SQL • R Studio • Python • Power BI • Data Mining • SDLC • Statistical Analysis • Excel VBA • MySQL • DevOps

## Education

### Master of Science in Business Analytics and Information Management – Purdue University

Coursework: R for Analytics, IT Project Management, Advanced Business Analytics, Data Mining, Python for Analytics

### Bachelor of Arts in Economics (Minor: Information Systems) – California State University, Fullerton

Coursework: Econometrics, Money and Banking, Monetary and Fiscal Policy, Research Methods, Macroeconomics

## Work Experience

### Milliman – Data Analyst (M-PIRe)

Brookfield, WI (May 2023 – Present)

- Provided guidance to clients in the mortgage capital markets and reinsurance spaces, aiding in the development of robust credit risk analysis frameworks by evaluating mortgage pool credit risks.
- Led ad-hoc data extraction and data analysis requests on a daily basis.
- Directed, coordinated, and executed monthly platform updates pertaining to PowerBI reports used on the M-PIRe website.
- Devised new processes to validate and maintain data integrity across databases, report data, and client data extracts.
- Automated data processing tasks (collection, cleaning, manipulation, and visualization) by creating a series of R scripts with the objective of minimizing human errors while increasing efficiency and scalability.

### Accenture (Consulting Project) – Sustainability Consultant

Indiana, US (January 2023 – May 2023)

- Developed a framework to model indirect emissions in an n-Tier supply chain with the objective of determining nodes where potential disruptions might occur.
- Used Natural Language Processing techniques to gather insights that could be fed to other models.
- Established a set of guidelines for companies to address risks and build a more resilient supply chain.
- Quantified impacts throughout the supply chain by analyzing third-party data.

### The Data Mine – Purdue University (Consulting Project) – Data Analytics Consultant

Indiana, US (July 2022 – December 2022)

- Worked alongside a team of consultants to determine the bottleneck in the supply chain process and the obstacles that caused delays of work orders in an automobile manufacturing company.
- Developed ARIMA models to forecast customer demand in coming months to decrease uncertainty in the procurement process of both components and raw materials.
- Manipulated and analyzed data regarding historical demand to establish patterns and generate helpful insight.
- Implemented the new forecasting approach by producing training documentation and assisting assigned employees.

### SageView Advisory Group – Wealth Management Associate

Newport Beach, CA (January 2022 – June 2022)

- Coordinated account transfers and onboarding in the wealth management division.
- Assisted with the purchasing and transition of the financial division of Capital One to the operations division at SageView, which included over 2,000 accounts.
- Completed clients' requests regarding changes in positions and portfolio structure.

### CR&R Incorporated - Data Processor

Stanton, CA (September 2018 – March 2020)

- Managed large data projects, including workflow scheduling, performance review, revenue reports, and accuracy verification for more than 100 drivers across several divisions.
- Revised work logs and resolved issues related to them using Excel, iPak, and other software.
- Presented and explained reports to managers in weekly conferences.