

# CHRIS ROTUNNO

## Data Analyst

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## WORK EXPERIENCE

### Founder, Corporate Global Strategist & Data Analyst

#### Root Labs

📅 Feb 2023 - current 📍 Nashville, TN (Remote CST)

- **Built** three internal capabilities that leverage server equipment, operating systems, and borrowed software licensing agreements.
- **Launched** five automated reports with Python, a double ledger MySQL RDBMS, a [Tableau Public](#), and a [Kaggle Contributor](#) status.

### SaaS Global Capital Markets Analyst

#### Socrates Platform

📅 Feb 2018 - Nov 2021 📍 Redington Beach, FL (Remote EST)

- **Guaranteed** service delivery to 12K+ global subscribers, utilizing .NET and C# programs for data import and update jobs, ensuring data quality automation, and earning a 10% annual bonus thrice.
- **Produced** over 1K market offerings, employing Python to update 128GB+ files with the latest information from data providers, enhancing the SaaS product offering with more than double the number of markets.
- **Queried** a NoSQL database for data validation, focusing on market additions and troubleshooting tasks, reducing the number of failed data updates by 99%.
- **Attended** the annual World Economic Conference (WEC) three times, leading to better global team cohesion, remote dynamics on Zoho Projects, and elevated customer satisfaction levels.

### SaaS US Capital Markets Analyst

#### Intrinio

📅 May 2017 - Nov 2017 📍 Saint Petersburg, FL (On-site)

- **Boosted** the XBRL classification accuracy by 20% through text mining techniques in R while standardizing S&P 500 financial statements.
- **Reconciled** hundreds of 10-K earnings reports, leveraging the Ruby on Rails framework, correcting an estimated 60% of standardized statement line items.
- **Performed** efficiently by managing lag-time and peak performance trade-offs, trimming off four hours of computing tasks.
- **Optimized** agile sprints in JIRA with Kanban, applying Six Sigma for a measurable 20% process efficiency gain, reducing operational waste.

### Consumer Credit Analyst

#### Wells Fargo

📅 May 2016 - Aug 2016 📍 Chandler, AZ (On-site)

- **Collaborated** with global cross-functional teams to process 400K+ monthly credit card applications, enhancing efficiency through a data warehouse stored in Microsoft SQL Server, automating 60% of underwriting tasks.
- **Initiated** two strategic partners in a leadership development activity involving seven teams' strategic teamwork to devise a resource-limited strategy.
- **Supervised** the VP of Analytics by leading project initiatives and guiding tasks by implementing twelve structured management behavioral practices, including weekly deadlines and memos.

## EDUCATION

### M.B.A. Music Business

Jennings A. Jones College

#### Middle Tennessee State University

📅 Jun 2022 - Dec 2023

### M.S.B.A. Business Analytics

Leeds School of Business

#### University of Colorado, Boulder

📅 Jun 2020 - May 2023

### B.S. Operations & Information Management

Leeds School of Business

#### University of Colorado, Boulder

📅 Aug 2014 - May 2017

## SKILLS

### Time Series Analysis

- Overlap Studies, Momentum Indicators, Volume Indicators, Volatility Indicators, Price Transform, Cycle Indicators, Pattern Recognition, Trend Analysis, Seasonality, ARIMA, SARIMAX, Prophet Model.

### Statistical Analysis

- Descriptive Statistics, Hypothesis Testing, Confidence Intervals, Distributions, Linear and Logistic Regression, Multivariate Analysis, Experimental Design, ANOVA.

### Machine Learning

- Regression, Classification, Clustering, Feature Engineering, Model Selection, Data Preprocessing.

### Deep Learning

- Multi Layer Perceptrons, Adversarial Neural Networks, Recurrent Neural Networks, Convolutional Neural Networks, Long Short Term Memory, BERT, Time Series Analysis.

### Business Intelligence

- Tableau Dashboards, Business, Corporate, and Global Strategy.