

Nishchay Misra

Irving, TX, 75039 | 945-244-6111 | misranishchay@icloud.com | <https://www.linkedin.com/in/nishchaymisra>
| <https://github.com/nishchaymisra13>

INTRODUCTION

A detail-oriented Data Scientist and Architect with an exhaustive knowledge of Data Architecture , Data Engineering , Statistical Techniques, Machine Learning.

EDUCATION

The University of Texas at Dallas, Richardson, TX.

M.S., Business Analytics and Data Science (Dean's Excellence Scholarship)

December 2020

GPA: 3.70

University of Petroleum and Energy Studies, Dehradun, India.

B.Tech., Power System Engineering

June 2018

GPA: 3.75

BUSINESS EXPERIENCE

Aetna Resources LLC

Remote, United States (Dec 2022 - Present)

Data Scientist (Analytics and Behavior Change)

MilliporeSigma

Remote, United States (Aug 2021- Dec 2022)

Data Scientist (Sales Enablement)

- Developed forecasting model to predict quarterly sales at sales rep level for each territory for target setting and compensation planning.
- Developed automated Data pipelines for Incentive and Compensation calculator based on weekly sales and annual targets.
- Developed classification model to predict lead to sales and opportunity to sales using SFDC account dataset.

Randstad LLC(Client: MilliporeSigma)

Remote, United States (Mar 2021- Aug 2021)

Data Scientist (Analytics Center Of Excellence, Integrated Supply Chain Operations and Controlling)

- Developed multiple Random forest based Deterministic Machine Learning model to predict the delivery time of products ordered from e-commerce website in the APAC region based on the availability in Local, Global and Manufacturing inventories
- Developed Data architecture and pipelines for project capital budgeting to calculate NPV, IRR and Payback Period and reforecasting various KPIs for decision making.

MilliporeSigma

Remote, United States (June 2020- Dec 2020)

Data Science Intern (Sales Enablement)

- Built a Customer Profile platform which had information from various key internal and external data sources
 - Enabling data driven customer prospecting, lead generation and sales/marketing opportunities.
 - Reducing personal time spent to generate sales opportunity.
- Scraped data from web and developed custom Name Entity Recognition Model to identify customer names in the news article, new patents and brought data from internal databases into a single digital platform.
- Developed Dedupe Models for matching similar customer names on the data from various key data sources.

ACADEMIC PROJECTS IN DATA SCIENCE

Robust Yield Prediction Of Various Farm Processing Units, Using Time Series Analysis, Exploratory Data Analysis, Predictive ML Modelling

- Data Pre-processing and time series statistical analysis.
- Increasing the efficiency of the Supply Chain Management systems by predicting the output of each food processing units over the next few years.

Inventory Forecasting using Time Series Analysis, Using Python, ARIMA, SARIMA, Exponential Smoothing Algorithms.

- Statistical Visual Analysis and data pre-processing for time stamped data.
- Built ARIMA, SARIMA and Exponential Smoothing Models to predict the furniture sales for next 6 months.

TECHNICAL SKILLS

Tools & Skills : Python (Pandas, Statsmodels, Matplotlib, Seaborn, Numpy, Scikit Learn), PySpark, Palantir Foundry, Spacy, R, SAS, SQL, Tableau, R Shiny, Time Series Analysis, GGPlot.

