

Sancchit Kamath

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EDUCATION

Stevens Institute of Technology , Hoboken, NJ	May 2021
<i>Master of Science in Engineering Management (Data Analytics concentration)</i>	GPA: 3.7/4.0
University of Mumbai , Mumbai, India	May 2015
<i>Bachelor of Science in Computer Engineering</i>	GPA: 3.5/4.0

TECHNICAL SKILLS

Languages/Databases:	SAS, SQL, R, Python
Analytics Software:	Google Analytics, Tableau, Advanced MS Excel, MySQL Workbench, Power BI, SSIS
Libraries:	NumPy, Pandas, ggplot2, Matplotlib, Scikit-learn
Analytical Skills:	Business Analysis, Data Modeling, Statistics, ETL, Linear Regression, Clustering Techniques, A/B Testing, Agile/SCRUM methodology, SQL server, RDBMS

WORK EXPERIENCE

Data Analyst , Nasdaq Inc, Piscataway, USA	Dec 2021 – Present
<ul style="list-style-type: none">Responsible for providing the forecast analysis of the stock for over next 6 months and built model to highlight risksRetrieved the data from Azure Data Lake Storage using SQL query to create Azure Data Factory(ADF)Performed data wrangling using Azure Synapse to manipulate data while collaborated with team members using JIRAWorked as a part of agile team while understanding project deliverables presented according to the current scenariosBuilt data model in Python for finding accuracy to highlight short term opportunities and risk in accordance with KPI MetricsPresented forecast data in easy interpretable format for helping clients make quantitative approach towards decision makingAnalysis carried out suggest 10% decrease in value before starting the growth trend	
Data Analyst Intern , Bright Mind Enrichment and Schooling, San Francisco, USA	Sep 2021 – Dec 2021
<ul style="list-style-type: none">Compiled information about homeless people from top 200 cities of USA and generated SQL queries to find out relationship between homelessness and existing population for streamlining data reports and data collection processDeveloped Business process using analytical and problem solving skills lowering homeless population by 30% in some statesVisualized roadmaps by constructing Tableau dashboards to track homeless rehabilitation program across the country to find potential pain points and suggest areas of improvement for the ground operations team	
Business Analyst , Mahatech Technoplast Pvt. LTD, Mumbai, India	Oct 2015 – Feb 2019
<ul style="list-style-type: none">Analyzed Industry trends to gather client requirements and create business development strategy enabling in 40% growthCoordinated with the business stakeholders to establish favorable partnerships supporting beneficial interestsCreated analytical dashboards report on MS Excel to find area of sales improvement resulting in \$50,000 increment of revenueBuilt interactive dashboards on MS Excel helping to provide user and understand project deliverablesConducted User Acceptance Testing along with Subject Matter Expert for smooth functioning of newly created database	

ACADEMIC PROJECTS

Data Analysis of Credit Card Fraud Detection	Sep 2020 – Dec 2020
<ul style="list-style-type: none">Built quantitative data model using K-nearest algorithm to detect ongoing fraud in investment bankingAnalysis carried out using CRISP-DM process helped to streamline the data reports enabling in reducing fraud by 80%Formulated various KPI's by calculating different parameters through Matplotlib to achieve 100% fraud protection	
Data Analysis for Affordable Vaccine Transportation	Sep 2020 – Dec 2020
<ul style="list-style-type: none">Developed a model to find the cheapest mode of transportation using linear regression techniqueInterpreted and implemented model in python by deploying packages of Pandas and Scikit-learn achieving 20% reductionAccomplished cheaper ways of transportations led to forecasting 30% increase in shipping transportation	
Data Analysis of Heart Disease Prediction	Jan 2020 – May 2020
<ul style="list-style-type: none">Prepared data for analysis in Python to speculate occurrence of heart diseases by monitoring root causes like age, heart rate, blood sugar, cholesterol etc.Engineered predictive analysis model to anticipate cause of heart disease with 85% accuracyAchieved correlation between sugar and glucose levels using Matplotlib library enabling in early detection of diabetes	

ACTIVITIES

KPMG , Virtual Experience Program Participant	Sep 2021 – Oct 2021
<ul style="list-style-type: none">Analyzed transactional and customer data consisting of 20,000+ entries for a bike & cycling accessories organization to help boost the organization's business and optimize its marketing strategyAssessed the quality of their data based on a custom framework and recommended ways to clean the data and mitigate data quality issuesPerformed data cleaning, feature engineering, and data modeling using SQL to determine customer trends/behavior and identify customers that can help drive the most valueCreated Dashboards in Tableau to present insights to clients	