Abhijit Sahoo

First name:	Abhijit	**Address:**	Hyderabad, India
Last name:	Sahoo	**Phone number:**	8908563840
Date of birth:	22/05/1994	**Email address:**	abhijitsahoo.ds@gmail.com
Nationality:	Indian		

Profile

- **Team Leader** in **BFS analytics** with **5 years** of work experience with domain knowledge in **Banking & Financial, Industrial and Aerospace**.
- Technical skills include hands-on programming in **R** and **Python programming** and **Machine Learning** algorithms. Driving solutions through deployment of Machine Learning algorithms (**R/Python/ Alteryx**) .
- Ability to calculate **KPIs** and it's **variants** and mine hidden values from sets of structured, semi-structured and unstructured data. Ability to leverage machine learning algorithms and applied **Statistics** with **visualization** and a strong sense of **Data exploration**.

Work experience

07/2015 – 10/2018

Engineer
L&T Technology Services, Bangalore, Indian

- Deputed to France for 1 year to handle individually the "**Airbus of France Project**" through "**AKKA Technology**".

- **Flight Delay Analysis**: Analyzed historic flight data for Air France to build a predictive model for determining flight delays; given a set of flight characteristics. Built a Tableau Dashboard summarizing destination-wise delays, weekday/weekend stats, travel-time delays, Carrier Dependent delays, weather dependent arrival/departures. summarizing the analysis. Significantly decreased the loss **(~22%)** incurred by Air France due to delays.

- **Frequent Flyer Program**: Worked closely with AKKA Technologies for developing models using Hierarchical and K-Means algorithm on datasets specific to customers of Air France Frequent Flyer Program. This analysis was aimed towards learning customer travel behaviors and targeting different customer segments with different types of mileage offers.

02/2019 – present

Team Leader
Cognizant Technology Services, Hyderabad, India

- **Exchange Funding :** Analyzed **Funding data of UBS** of different time zone and region (**EMEA, APAC and NA**). Applied **Exploratory Data Analysis** before processing, cleansing, and verifying the integrity of data used for analysis (**Alteryx/R**) on **Exchange Funding Project**.
  1. Combine data from multiple Sources (**.csv, excel, text file also .PDF**)
  2. Creating and implementing **data-driven strategies** that fuel growth including **revenue and profits** (**Alteryx/R**).
  3. **Auto holidays calendar** and **Error handling** and **Log files generate technique** also added in this project.

- **OTC Bonding :** Analyzed **HSBC OTC data** of different **Venders** and **Brokers** of different regions (**EMEA, APAC and NA**). Applied **Exploratory Data Analysis** before processing, cleansing, and verifying the integrity of data used for analysis (**Alteryx/R**) on **HSBC OTC Bonding Project**.
  1. **Automate Reconciliation Process.**
  2. Created and implemented **OTC automation GUI for HSBC bond Project** using **Rshiny** and **R**.
  3. Manual effort decreases **100%.**

- **RAS Project :** Trades needs to be reviewed timely for different regions like [**APAC(Japan,Australia, Zurich, Bunting), EMEA, NA** etc.) and **reconcile/identifying the breaks in trades** of the each regions rec, comments need to be updated according to the discrepancies identified after investigation ,standard client required formatting need to added and then prepare the EOD reports and send same to the OP's DL team to further investigation.

Work experience

1. **Alteryx workflows** w.r.t each region investigate and classifies trades into segments/categories based on multiple parameters like Quantity, Price, CCY, Trade date & Value date and prioritizes/highlights the trades in color formatted within each segment for operations associate to focus on.
2. User can Easily access the user interface and enable the user to do this entire manual process by single click and get the results within seconds to **1 minutes**.
3. Deploying the Workflow Solution without any cost to OP's team through **Alteryx Server.** Upload/download data from web **through Alteryx Server.**

- **ETD Trade Project : Based on Agreement ID**,the **Daily reports** needs to **reconcile with Broker list, Sales contact, Master file and LOT Size** of the each **Maturity Investment** for different regions like [**APAC(Japan, Australia, Zurich, Bunting), EMEA, NA** etc.) and comments need to be updated according to **customer/trader Mapping.** standard client required formatting need to added and then prepare the EOD reports and send same to the OP's DL team to further investigation.

1. **Auto Mail Triggering** and Submit email to an email server through **SMTP** protocols.
2. Once **Daily report** has created, then create the **weekly report** and **Monthly report automatically.**
3. Using interactive charts, we can created **bar Chart**, **dual axis charts** for better **Data Visualization.**
4. Using **Spatial in Alteryx workflow**, we can estimate the region wise profits and revenue.

Skills

Domain Experience

Banking and Financial Services	★★★★☆
Aerospace and Industrial	★★★★☆

Core Skills

Data Mining & Process Mining	★★★★★
Data Visualisation	★★★★☆
Statistical Modeling	★★★★☆
Machine Learning and Business Analysis	★★★★☆
Deep learning And AI	★★★★☆
Automation	★★★☆☆

Machine Learning

Supervise learning	★★★★★
Unsupervise leaning	★★★★☆
NLP	★★★☆☆
Image processing	★★★☆☆

Analytical Software and BI Tools
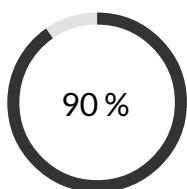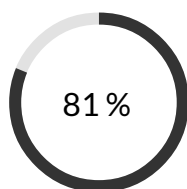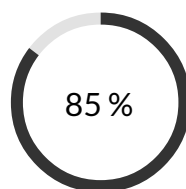
90 %	81 %	50 %	85 %	81 %	90 %
Alteryx 2020	Tableau 2019.3	Power BI	R Studio 3.6.1	Python	Celonis
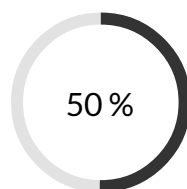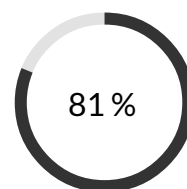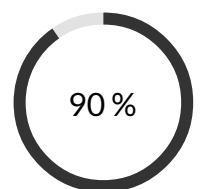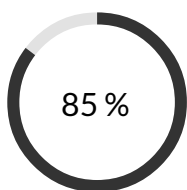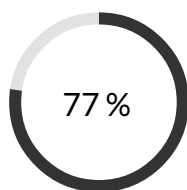
85 %	77 %
SQL	Ms Excel

★ Certificates

01/2018	**Data Science Professional**
	Imarticus

- Support emergent statistical modeling work.
- Ability to leverage machine learning algorithms and applied Statistics with visualization and a strong sense of Data exploration.

04/2020	**Alteryx Designer Core Certified**
	Alteryx

- Developed a model understand the effect of macroeconomic variables on claim rate trends.

✔ Achievements

- Getting Award for "**Exchange Funding Project**" for **UBS**.

✉ Education

06/2011 – 05/2015	**Electronics & Communication Engineering**
	Institute of Technical Education & Research, Bhubaneswar, India

⚗ Language

Language

English	★★★★★
Odia	★★★★★
Hindi	★★★★★

🪐 Hobbies

Exploring distant lands

Chess

Painting