

# AKSHAY NALAWADE

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## Work Experience

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### Cognizant, Senior Data Analyst, Mumbai, India.

March 2022 – March 2023

- Artificial Intelligence and Machine Learning (AIML) Investment banking (JP Morgan Chase) – Developed an application to read alerts, stocks, and news, creating data segments for managing and updating reviews used to validate investment approaches.
- Implemented data cleaning techniques using Python to optimize the accuracy and reliability of alert, stock, and news data segments, resulting in a 20% increase in data integrity.
- Crafted efficient SQL queries using JOINS, CTE's and window functions resulting in a 30% reduction in query execution time, thereby improving data retrieval efficiency.
- Architected and prepared data, reporting systems leveraging Tableau and SQL to optimize acquisition cost resulting in \$500K savings annually.
- Managed daily stand-up scrum meetings, enabling swift identification and elimination of obstacles.

### SS&C Technologies, Lead Data Analyst, Mumbai, India.

July 2020 – March 2022

- Wealth management and investment (St James's Place) – Overseeing investment portfolios on behalf of clients, taking into account their financial objectives, time horizon, and risk preferences.
- Analyzed customer data using Power BI along with use of DAX functions to uncover purchasing patterns, resulting in a \$300K increase in average order value.
- Refined investment strategy by leveraging Python, Pandas, and NumPy for asset class analysis, achieving a 15% enhancement in portfolio risk assessment accuracy via calculated summary statistics.
- Utilized Spark SQL, Power BI and Python to enhance portfolio alignment with client objectives, yielding a 15% improvement.

### Accenture, Business Analyst, Mumbai, India.

October 2019 – July 2020

- Clinical Data Repository – Developed a Clinical Data Repository for CVS Health, enabling rapid ingestion, standardization, integration, and analysis of clinical and non-clinical data.
- Created comprehensive requirement documents for the project, ensuring alignment with stakeholders needs and project objectives.
- Integrated complex SQL methodologies such as subqueries, window functions, and CTEs to proactively detect and rectify duplicate records, missing values, and outliers.
- Adopted Agile methodologies using Jira and Scrum to streamline project delivery, resulting in a 20% increase in project delivery efficiency and fostering collaboration among cross-functional teams.

### Hexaware Technologies, Data Analyst, Mumbai, India.

January 2015 – September 2019

- Global One (Ernst & Young) - Optimizing data processing and analysis workflows facilitating client assignees in submitting home and host tax details via questionnaires.
- Prepared optimized SQL queries using JOINS, CTE's in MYSQL to decrease query execution time by 30% enhancing data retrieval efficiency.
- Utilized Excel's pivot tables to generate insightful visualizations of data, applying techniques such as slicers, calculated fields, and conditional formatting, enhancing data interpretation efficiency by 40%.
- Facilitated daily stand-up scrum meetings that helped to identify and clear roadblocks, resulting in a decline in the number of sprint backlog.

## Skills & Certifications

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- Databases & Programming: MySQL | PostgreSQL | Oracle | Python (NumPy, Pandas, Seaborn, Matplotlib) | R | Scala
- Big Data Analytics: Apache Spark | Spark SQL | Apache Sqoop | Hive | HDFS | No SQL (H-base) | ETL
- Data Analysis & Visualization: Power BI | Tableau | Microsoft Excel | QlikView | Data Mining | Data Modelling
- Other Skills: Agile-Scrum | Project Management | Data Governance | Jira | Asana | GitHub | Automation
- Soft Skills: Analytical Thinker, Problem-Solving, Adaptive, Communication, Teamwork, Time management
- AWS Certified Cloud Practitioner.

April 2024

## Education

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- Master of Science, Data Analytics and Visualization, Yeshiva University, New York
- Bachelor of Engineering Electronics, Mumbai University, Mumbai

August 2023 – December 2024

August 2009 – May 2014