ATHARVA KARMARKAR

United States • +1 (617) 637-2581 • karmarkar.a@northeastern.edu • LinkedIn

TECHNICAL SKILLS

- Programming Languages: SQL, DAX, Python Programming, R Programming, Power Query (M Query)
- Databases: MySQL, Oracle SQL, Azure SQL, Data Lake, MS Access, Mongo DB
- Data Visualization: Tableau, PowerBI, QlikView, QlikSense, Microsoft Excel, Looker Studio, Tibco Spotfire
- ETL tools: Power Automate flows, Azure Synapse Analytics, SQL Server Integration Services (SSIS)
- Others: PowerApps, SQL Server Reporting Services (SSRS), SQL Server Data Tool (SSDT), SQL Server Analysis Service (SSAS), Google Analytics, PowerPoint, MS word, SharePoint, JIRA, MS Fabric

WORK EXPERIENCE

ABIOMED INC. **|** *Data Analytics Co-op*   July 2022 - January 2023
Data Domains: Quality PMS, Manufacturing Analytics, Healthcare Analytics

- Transformed raw data into actionable insights through **complex joins, subqueries, and aggregations resulting in a 55% decrease** in data retrieval procedure.
- Streamlined data analysis and number crunching through the creation of **Excel macros and pivot tables**, reducing data processing time by 40%.
- Cleaned and **wrangled data using Python and R** to ensure **data accuracy and consistency**, enabling precise quantitative analytics and the extraction of valuable business insights.
- Developed and applied innovative **data mining techniques** to analyze customer feedback, resulting in a 15% decrease in customer complaints and a 24% decrease in average response time.
- Collaborated with cross-functional teams to design and execute **reverse ETL processes**, reducing the time required to integrate new data sources by 50%.

INTELLIFY SOLUTIONS PVT. LTD. | *Data Analyst*   October 2018 - September 2021
Data Domains: Insurance Analytics, Supply chain & Operations Analytics, Sales & Marketing, Finance

- Designed **PowerBI dashboards** by systematically capturing and visualizing **Key Performance Indicators (KPIs)**, enabling Weekly, Monthly, and Quarterly reporting, led to a 30% boost in data-driven decisions and providing business leaders with intent data.
- Conducted **complex SQL queries** to analyze customer behavior, resulting in a 15% increase in sales revenue.
- Built and managed custom **Tableau** reports and models summarizing Marketing, Sales, eCommerce, and Operational data using **SQL**.
- Leveraged **A/B testing** to optimize marketing data, and contributed to data table mapping, **data warehousing, and data modeling** to enhance overall analytics infrastructure and campaign effectiveness.
- Developed interactive data-driven applications using **Microsoft PowerApps**, empowering business users to access and interact with data in real-time.
- Conducted **process optimization**, regional development, and **focused market research**, applying **predictive modeling** for data-driven insights and enhanced business performance.
- Implemented **Python and R**-based **data pipeline** with integrated **ETL processes**, resulting in a 40% improvement in data processing speed and enhanced business insights.

EDUCATION

- MS IN DATA ANALYTICS -STATISTICAL MODELING   September 2021- July 2023
  NORTHEASTERN UNIVERSITY | BOSTON MA
- BACHELOR'S IN ENGNEERING – INFORMATION TECHNOLOGY   June 2015- June 2018
  PUNE UNIVERSITY | PUNE INDIA

CERTIFICATION

- **Tableau Desktop** Specialist by Salesforce
- **Oracle Database SQL** Certified
- PL-300: Microsoft **Power BI** Data Analyst