

# Aaditya Srinivasan

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## Education

### The University of Texas at Dallas

*MS Business Analytics*

**May 2024**

3.85/4.00

**Related Courses:** Advanced Statistics for Data Science, Business Data Warehousing, Operations Management, Predictive Analytics, Prescriptive Analytics, Big Data, Applied Machine Learning, Business Analysis

### SSN College of Engineering

*B.E Electronics and Communication Engineering*

**August 2021**

3.46/4.00

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## Certifications & Technical Skill Experience

- *Languages:* Python, R, SQL, PL/SQL, Java, HTML, CSS, Javascript, MATLAB
- *Management Tools:* Microsoft Word, Microsoft Excel, Microsoft PowerPoint, ACL, IDEA
- *Developer Tools:* PowerBI, Tableau, Alteryx
- *Frameworks:* Scikit-Learn, Pandas, NumPy, Hadoop, Spark
- *Databases:* Oracle SQL Developer, MySQL, PostgreSQL
- *Web/App/DB Servers:* Apache Tomcat
- *Certifications:* Basic R (Data Camp), Intermediate R (Data Camp), Power BI (Udemy)

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## Work Experience

### KMK Consulting Inc.

*Associate Intern, Commercial Analytics*

New Jersey, USA

*Jun 2023-Aug 2023*

- Employed SQL queries to analyze healthcare datasets, achieving a 20% enhancement in data accuracy and a 15% boost in data accessibility.
- Extracted insights from physician-level prescription data, field force call activity, Xponent, and DDD, contributing to strategic initiatives.
- Spearheaded in-depth research in the field of psychosis, yielding valuable insights and informing innovative approaches.
- Conducted a comprehensive feasibility analysis to assess the viability of replicating an existing client portal using Power BI leading to a 20% reduction in potential project risks.

### Davidson – Gundy Alumni Center

*Student Assistant*

Dallas, USA

*Sep 2022 -Nov 2022*

- Assisted 10 + events by setting up the venue as per the client's requirements

### Cognizant Technology Solutions

*Programmer Analyst Trainee*

Chennai, India

*Oct 2021 -Jul 2022*

- Analysed and resolved more than 50 production database defects using PL/SQL, resulting in a 30% decrease in system errors and ensuring uninterrupted operation
- Enhanced the user interface of 2 applications using Java, leading to a 25% increase in user engagement.
- Contributed to patch management deployment and support, service updates, and software installation
- Developed a web application that handled user data with HTML, CSS, JavaScript, JSP, SQL and Java

### Bharat Sanchar Nigam Limited

*Data Analyst Intern*

Chennai, India

*Nov 2019 –Dec 2019*

- Developed IoT-based water prediction system to monitor temperature and humidity of a given environment using Arduino, DHT22 etc.

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## Academic Projects

*Data Analytics Competition by Conagra brands*

UT Dallas

- Analyzed 5 years of sales data by creating dashboards in Tableau, descriptive statistics and regression analysis in SAS
- Developed strategic recommendations for a 5-year plan, proposing adjustments in pricing, product attributes and demographics for each brand
- Ranked within the top 10 out of 90 groups for the project

*Generative adversarial Networks for the generation of Realistic Multimedia traffic traces*

SSNCE

- Developed a TGAN model for generating required sample size of multiple interrelated parameters
- Analyzed the accuracy of the model by performing statistical study of packet length and time intervals
- Reduced the time taken by the network simulation to process large amounts of data.

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## Additional Information

- *Treasurer:* Vaalmeengal Tamil Sangam (VTS)
- *Student Organization Center Officer:* code.exe UT Dallas
- *Eligibility:* Eligible to work in the US for Internships and full time for 36 months and open to relocation.