# Achyuthuni Sri Harsha

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Plot No 188, Phase 1, Saket colony, Kapra,

Jai Jawan colony S.O post office, Keesara mandal,

Medchal District, Hyderabad, Telangana, 500062

# Work Experience

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| **Mu-Sigma: Decision Scientist** | October 2017 - Present |

Currently working as a business analyst for the supply chain department of the world's largest retailer to improve in-stock inventory with the help of below data science POC's:

1. Enabled international supply chain managers by building a better EOQ model using prescriptive analytics which enhances their supply chain flow
2. Designed a classification model to predict the probability of in-full using ensemble and tree-based methods
3. Implemented a regression model to predict lead time which has a potential savings of 130 Million
4. Currently working on a project to find the reasons to find under-stock scenarios in a store using hypothesis testing and ML

Other projects for Fortune 500 clients

* Formulated a POC to arrive at clean sheet costing of food products based on NLP and gradient descent. Created charts in Tableau to present the insights
* Built a POC on time to place a new RFP for generic drugs using distance-based classification methods
* Corroborated on large scale projects with technology and business partners from USA, Mexico, Canada, UK, Chile, Argentina, Central America, India and China
* Built an interactive web application for sourcing managers, buyers to make fast-paced, informed decisions

# Education

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| Business Analytics and Intelligence   * Currently pursuing executive education in IIM Bangalore | Indian Institute of Management  Bangalore  2019-2020 |
| Bachelors of technology: Mechanical engineering   * Graduated with distinction and CGPA of 8.91 /10 * Averaged 9.5/10 in mathematics and statistics courses * Treasurer of SAE India club (2014-15) | Amrita Vishwa Vidyapeetham  Bangalore campus  2013-2017 |
| Intermediate education: Math-physics-chemistry (93.3%) | 2011-2103 |
| Secondary Education: SSC AP (90.3%) | 2010 |

# Publications

* **Harsha, A. S**., Rizwan, M., Kuldeep, S., Prasad, A. G., Akhil, J., & Nagaraja, S. R. (2017, August). [Parametric Study of Cantilever Plates Exposed to Supersonic and Hypersonic Flows](https://doi.org/10.1088/1757-899X/225/1/012047). In *IOP Conference Series: Materials Science and Engineering* (Vol. 225, No. 1, p. 012047). IOP Publishing.
* Harsha, A. S. (2020 Feb) Purchase Order forecasting. In *LBS Journal of Management & Research* (Print ISSN : 0972-8031, Online ISSN: 0974-1852) (Under publication)

# Technical Competencies

Worked on the following languages/tools

* Analytics: R, Python, CPLEX
* Data handling: SQL, Alteryx
* Visualization: Tableau, HTML, CSS, JavaScript

# Personal Information

Date of birth: 5th December 1995

Linguistic Proficiency: Telugu, English, Hindi

Interests and Hobbies: Reading, swimming, blogging.

LinkedIn profile [Achyuthuni Sri Harsha](https://in.linkedin.com/in/sri-harsha-achyuthuni-a45b7baa)