

## Vinod Kumar Yerraballi

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### EDUCATION

**Yogi Vemana university , Kadapa.**  
Master of Science

Feb 2021 - Dec 2022  
GPA: 7.05

**Yogi Vemana university , Kadapa**  
Bachelor of Science

Jun 2016 - May 2019  
GPA: 7.95

### SKILLS

Functional : Data Analysis, Stakeholder Reporting, Machine Learning, Statistical Analysis, Data Science, Tensorflow, Keras, Web development, scikit learn, Data Visualization

Technical : Python, Git, MySQL, basics powerbi, Excel(Pivot, VLOOKUP, formulas)

### PROFESSIONAL EXPERIENCE

#### British Airways - Remote

Data Scientist Intern

- Emphasized and accomplished two significant tasks during an unpaid internship, showcasing a commitment to Attaining objectives.
- Engineered interactive dashboards using Python and visualisation libraries to distil complex data insights for stakeholders, facilitating data-driven decision-making within the organization.
- Engineered a machine learning pipeline to classify customer feedback, enhancing actionable insights for service improvement by utilizing data preprocessing, feature engineering, and model evaluation techniques.

#### The Spark Foundation - Remote

Data Scientist intern

- Operated multiple supervised and unsupervised machine learning projects with an average accuracy rate of 90%, demonstrating a deep understanding of machine learning concepts and techniques as acknowledged by project mentors.
- Expanded professional network on LinkedIn by 50% during the internship, highlighting strong networking skills and the capability to establish connections for enhancing career opportunities.
- Communicated complex concepts to non-technical audiences, achieving high engagement on LinkedIn with over 500 views and 50 likes on completed machine learning projects.
- Managed project timelines and milestones to ensure adherence to deadlines and project objectives.

### PROJECTS

#### Twitter Sentimental Analysis

- Developed a cutting-edge machine learning model with NLP for Twitter Sentimental Classification, achieving an 83% success rate in predicting consumer sentiment.
- Introduced sentiment analysis and intention detection techniques, increasing customer satisfaction by 25% and steering product improvement initiatives.
- Led a successful project on Twitter Sentimental Classification, showcasing expertise in cloud-based solutions.

#### Mobile Price Prediction

- Extracted comprehensive mobile data from Flipkart utilizing BeautifulSoup in Python, streamlined data collection process to reduce manual effort by 40%, and improved data accuracy for subsequent analysis.
- Implemented decision tree algorithms to achieve a high R2 score of 0.85, ensuring precise price forecasts for mobile devices that informed strategic pricing decisions and increased revenue potential by 10%.
- Trained a robust Random Forest model leveraging over 50 features, enhancing prediction accuracy and outperforming baseline models by 15% on validation datasets, leading to more reliable pricing insights.

### ACHIEVEMENTS

- Developed and executed innovative machine-learning algorithms for the Analytics Vidhya Data Science Contest, achieving a top 5% ranking out of over 10,000 participants.
- Implemented advanced data analysis techniques to identify key insights and trends, resulting in a 40% improvement in model accuracy compared to baseline solutions