# PRITHVIRAJ LAKKAKULA

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## EDUCATION

**Applied Economics [Food and Resource Economics]**
Ph.D. | University of Florida, Gainesville, FL     | Aug 2014

**Applied Economics [Agricultural Economics]**
M.S. | University of Arkansas, Fayetteville, AR | Aug 2010

## CERTIFICATIONS

**The Microsoft Professional Program in Data Science**
Certificate | Microsoft Corporation | Dec 2019

**Blockchain Technologies: Business Innovation and Application**
Certificate | MIT Sloan School of Management | Sep 2018

## RESEARCH EXPERIENCE

- Over six years of research experience in applied econometrics/statistics modeling
- Three years of experience in machine learning, predictive analytics, and deep learning techniques
- In-depth modeling experience of machine/deep learning methods, including artificial neural networks, convolutional neural networks, and recurrent neural networks in predicting market shares of commodities such as soybeans
- Experienced in modeling complex and high-dimensional data sets
- Used R for data collection, data cleaning, data manipulation, data visualization, data pre-processing, statistics modeling, and technical report writing (using R Markdown)
- Successfully completed a computer vision project using several soybean leaf disease images as inputs for predicting soybean diseases
- Created interactive dashboards for soybean market analysis using flexdashboard in R
- Successfully led and completed multiple projects simultaneously

## SKILLS

- **Data Management/Manipulation**: SQL, R
- **Data Visualization**: Power BI and R
- **Programming**: R (fluent), Python (intermediate)
- **Big Data**: Apache Spark, Keras

## CURRENT EMPLOYMENT

**Research Assistant Professor**
North Dakota State University | Jan 2015 - Aug 2020 & May 2021 - Present

(Previous employment: Tennessee State University [Sep 2020 – Oct 2020], University of Florida [Aug 2014 – Dec 2014])

***I am U.S. permanent resident