

# VIJAY KUMAR BOLLINA

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## EDUCATIONAL QUALIFICATION

**Master's in Business Analytics,**  
*Kent State University, Kent, Ohio, United State of America*

**May 2020 (expected graduation)**  
**Current GPA: 3.85**

**Bachelor's in Engineering, Electronics and Communication,**  
*Visvesvaraya Technological University, Belgaum, India*

**Jan 2016**

## SIGNIFICANT COURSEWORK

*Core Competencies:*

- Data mining/machine learning: Supervised, Unsupervised learning, Regression Modeling, Classification Modeling, Random forest, Decision tree, Recommendation Systems, Time Series Analysis, Ensemble methods, Neural Networks, Convnets
- Databases and data processing: Relational Databases, Big Data Platforms
- Quantitative algorithms

## TECHNICAL SKILLS

- **Languages:** R programming, SQL, JCL.
- **Tools:** Changeman (Mainframe), R studio, MS Excel, MS Access, Jenkins, RLC (Release Control), SDA (Serena Deployment Automation), Github, Oracle sqldeveloper, MongoDB.

## ACADEMIC PROJECT

**Aim:** "Predicting the churn rate of customers for telecom company"

Churn (loss of customers to competition) is a problem for telecom companies because it is more expensive to acquire a new customer than to keep your existing one from leaving. This model is about enabling churn reduction using analytics.

**Techniques:** Data Collection, Data Cleaning, Data Analysis, Data Interpretation (dyplr, tidyverse), Data Visualization (ggplot2).

**Algorithm:** Logistic Regression, Random Forest

**Software Used:** R Studio.

**Aim:** "Segmenting Customers based on the purchase behavior and demographics"

CRISA is an Asian market research agency that specializes in tracking consumer purchase behavior in consumer goods (both durable and nondurable). Hence the model classifies the data into these segments and likely to be used in targeting direct email promotions.

**Technique:** Data Collection, Data Cleaning, Data Analysis, Data Interpretation (dyplr, tidyverse), Data Visualization (ggplot2).

**Algorithm:** K-Means (unsupervised learning) and Logistic regression.

**Software Used:** R Studio.

## PROFESSIONAL EXPERIENCE:

**HCL Technologies - Analyst**

**July 2017- July 2019**

- Worked in financial services on Mainframe platform and supported deployment services.
- Provided access to servers to the stakeholders and oversaw the deployments in the production environment.
- Successfully on-boarded crucial applications into production.
- Also supported RLC (Release coordinator) tool for automated deployments.
- Responsible for performing packaging and builds using Jenkins tool for deployments in Distributed environment.
- I took up responsibility to automate the Tier-II applications deployments in the organization.

**Hinduja Global Solutions - Technical Support Executive**

**Feb 2016- Dec 2016**

- Worked as a Technical support executive in for 11 months
- Responsibilities were to handle customer queries on network issues.