



# **C BYREGOWDA INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**INTERNSHIP PRESENTATION ON**

**“BIGMART SALES PREDICTION”**

**UNDER THE GUIDANCE OF:**

**Prof. NARAYANASWAMY**

**Associate Professor, Dept Of CSE**

**CBIT-KOLAR**

**SUBMITTED BY:**

**SUDEEP G N**

**1CK19CS081**

# AGENDA

- ☐ Introduction
- ☐ About the company
- ☐ About the department
- ☐ Tools and techniques learned
- ☐ Work carried
- ☐ Experience in company

# INTRODUCTION

- We live in a world full of data. Data surrounds us everywhere. Right from handling monthly budgets, storing information on mobile phones, buying items from stores, all of it is stored in the form of data.
- One of the agents who work with a lot of data is a superstore, These big shopping complexes have a lot of data to work upon.
- A lot of work has to be done on the dataset for its analysis and prediction.
- This whole work is done so as to check the current position of sales and find out the future expected sales.
- The methodology to deal with such data along with predicting sales of the superstore for next years by using Machine Learning technique.

# ABOUT THE COMPANY

- Techciti is vast comprehensive information technology services and solutions platform.
- It is a global platform for information tech products and service that digitally transforms company processes and boosts operational efficiency for its clients.
- It serves more than 1500 customers ranging from fortune 500 companies to emerging start-ups.
- It technologies private limited has evolved as one of the leading managed service providers.
- The various Products and Services provided by the Company are Networking Services, Technical Support & Services, Web Application Development and Enterprise Software Services.

# ABOUT THE DEPARTMENT

- ❑ Software application development:
  - It is the process of designing, creating and maintaining software applications.
  - The process typically involves several stages like design, coding, testing, deployment and maintenance.
- ❑ Worked on developing an application “**Bigmart Sales Prediction**” by using django framework and machine learning algorithm.

# **TOOLS AND TECHNOLOGIES LEARNED**

- DJANGO
- BOOTSTRAP
- NUMPY
- PANDAS
- SCIKIT-LEARN

# WORK CARRIED

- A web application is built using the django framework for **Bigmart Sales Prediction**, using the python language.
- The data collection, which includes collecting data and transforming it into processed data.
- Modelling the data for predictions using machine learning techniques(Linear Regression Algorithm).
- The validating and implementation of our results using precision and accuracy techniques.
- Finally the Big Mart can analyse and predict the outlet production sales.

# EXPERIENCE IN COMPANY

- ❑ Internship gave an exposure to professional activities and a best experience to the theoretical content of the studies.
- ❑ Learning became effective, and it was possible to develop an efficient applications.
- ❑ I learned the value of mentors in a professional environment and how to interact professionally with clients and colleagues
- ❑ Altogether, it was a unique opportunity to work in a team and be provided with a work environment that we will experience in the future.



Thank  
you !