



# SUMMER TRAINING REPORT

On

“Business Analytics Using Python”

At



Spanning

8<sup>th</sup>July - 8<sup>th</sup>August

for partial fulfillment of the requirement for the award of

**BACHELOR OF TECHNOLOGY**

In

**COMPUTER SCIENCE AND ENGINEERING**

From

**School of Studies Engineering and Technology,  
Guru Ghasidas Vishwavidyalaya**

**Submitted By:**

Irri Sai Prakash

Roll No.: 21027114

Batch: 2021 – 2025

Institute : Guru Ghasidas Vishwavidyalaya

**Submitted To:**

Mr. Vaibhav Kant Singh

Assistant Professor.

Department of CSE, SOSET,

Guru Ghasidas Vishwavidyalaya

# INTERNSHIP COMPLETION CERTIFICATE



Cognifyz Technologies

## Internship Completion Certificate

Date -09/08/2024

This is to certify that **Irri Sai Prakash, (Intern ID: CTI/A1/C48541)**, currently pursuing a B.Tech from The Institute of Technology Guru Ghasidas Vishwavidyalaya, was working as a **Business Analytics Intern** with Cognifyz Technologies from July 2024 to August 2024.

During this period, he has served as a Business Analytics Intern and has displayed remarkable dedication, sincerity, and a strong desire to learn. He has exhibited exceptional coordination skills and effective communication abilities. Moreover, his attention to detail has been truly impressive.

He has consistently approached new assignments and challenges with enthusiasm, showcasing his passion for Business Analytics. His commitment and willingness to acquire new knowledge and skills have been evident throughout his internship.

We extend our best wishes to Irri Sai Prakash for a successful future, and we have no doubt that he will continue to excel in the field of Business Analytics.

With Regards,  
Cognifyz Technologies



[cognifyztechnologies@gmail.com](mailto:cognifyztechnologies@gmail.com)

[www.cognifyz.com](http://www.cognifyz.com)

# ABOUT THE INTERNSHIP

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## 1. Introduction

In the summer of 2024, I had the opportunity to undertake an internship in Business Analytics at Cognifyz Company. This internship provided a comprehensive introduction to the field of Business Analytics, combining practical experience with professional guidance in a real-world setting.

Data are those raw facts and figures with no proper information hence need to be processed to get the desired information. While information is those results which we get after processing the raw data in different levels or extracted conclusions from a given dataset through a process called data analysis.

Data Analysis is simply the analysis of various data means cleaning the data, transforming it into understandable form, and then modeling data to extract some useful information for business use or an organizational use. It is mainly used in taking business decisions. Many libraries are available for doing the analysis. For example, NumPy, Pandas, Seaborn, Matplotlib, Sklearn, etc.

### 1.1 Internship Objectives

The primary objectives of my internship were to:

- 1. Gain Practical Experience:** Apply theoretical knowledge of Data Analytics in a real-world environment.
- 2. Develop Skills:** Enhance technical skills in tools like Jupyter Notebook, including proficiency in various programming languages like Python and its Libraries.
- 3. Contribute to Projects:** Analysis of given data set and contribute to ongoing projects within the company.
- 4. Understand Industry Practices:** Learn about industry standards, project management, and best practices in Data Analytics.