GOVERNMENT OF INDIA

MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP

DIRECTORATE GENERAL OF TRAINING

NATIONAL SKILL TRAINING INSTITUTE FOR WOMEN

TRIVANDRUM

<u>CERTIFICATE</u>

This is to certify that following trainees have completed their project titled

"COVID 19 IN INDIA"

For IBM Program – IT, Networking and Cloud (Technical Diploma)

ROLL NO	NAME
ADIT-009	FEBI S RAJ
ADIT-010	GAYATHI P NAIR
ADIT-014	SILPA KRISHNA

ACKNOWLEDGEMENT

We would like to express our sincere gratitude to several individuals and organizations for supporting us throughout our diploma study. First, we wish to express our sincere gratitude to our trainer, Poovaragan Velumani for his enthusiasm, patience, insightful comments, helpful information, practical advice and unceasing ideas that have helped us tremendously at all times in our study and writing of this project report. His immense knowledge, profound experience and professional expertise in computer science has enabled us to complete this project successfully.

<u>TABLE OF CONTENTS</u>

1. Introduction

2. Technology used

3.Current Landscape of Excel

4. Feasibility Study

5. Reports created with description

6. Aims and objectives

7. Functionalities

8. Future scope of work

9. Conclusion

INTRODUCTION

India, which has the second largest population in the world is suffering severely from covid 19 disease. By May 18th, India investigated 1 lakh infected cases from COVID-19 and as of 11th July the cases equalled 8 lakhs. Social distancing and lockdown rules were employed in India, which however had an additional impact on the economy, human living and environment. Where a negative impact was observed for the economy and human life, the environment goat a positive one. The COVID-19 pandemic which probably is the most devastating one in the last 100 years after Spanish flu mandates the speedy evaluation of the multiple approaches for competence to elicit protective immunity and safety to curtail unwanted immune-potentiation which plays an important role in the pathogenesis of this virus. This review is aimed at providing an overview of the novel coronavirus which has crippled the world in terms of economy, human health and life.

TECHNOLOGY USED

Excel, which is part of Office 365 is used on windows 10 platform to create real time reports on the basis of data.

CURRENT LANDSCAPE OF EXCEL

Excel**,** which is part of Office 365 and was released in 1985, is a program known by virtually everyone. Whether or not you are an expert in data analysis and whether or not you work with data, you have almost certainly used Microsoft Excel at some point. The program has the format of a spreadsheet that distributes data into rows and columns and has the ability to perform calculations and mathematical formulas easily and quickly. In addition, like Power BI, it is also used to transform data sets into visual information**.**

STRENGTHS

Quick calculations
Excel allows you to make calculations, operations and create formulas in your data quickly and easily.

Multifunctional
Excel can be used for a wide variety of issues and allows you to work with your data in multiple ways without having to switch to another application. In short, its use is much more diversified than that of Power BI, which has a more specific objective.

Sophisticated tables
If you need to create more advanced, complex and personalized calculation tables, Excel has more advanced functions than Power BI.
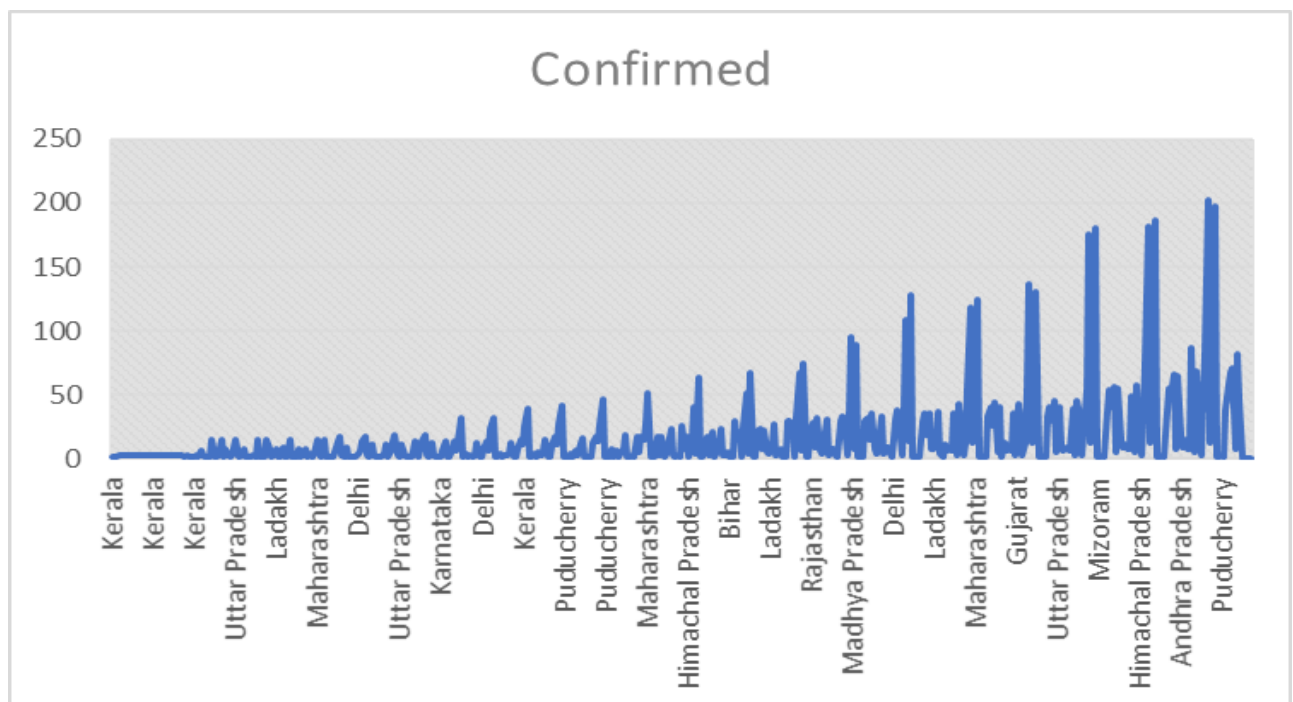
FEASIBILITY STUDY

Microsoft Excel is an Office 365 product of Microsoft. It was originally launched in the year 1985 under Microsoft Corporation and the current version is Excel 2018. Excel is a type of spreadsheet that captures information in the form of rows and columns. The recent version of Excel is enhanced with a wide variety of features and applications. You can transform information into insights.
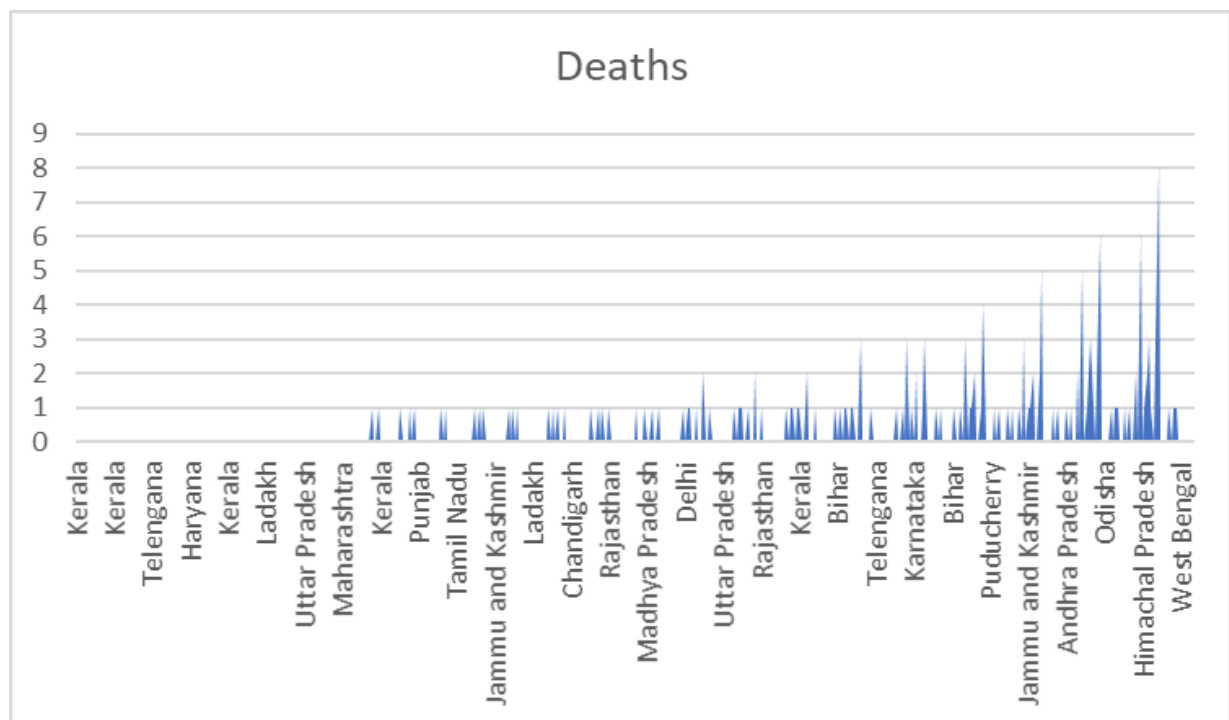
- ❖ Excel is a better option if you want to manipulate and transform data, do searches, calculations and apply mathematical formulas or create complex tabular reports
- ❖ Excel allows more operations with data than Power BI. In other words, it has more diversified functionality and is an ideal program for expert data analysts.
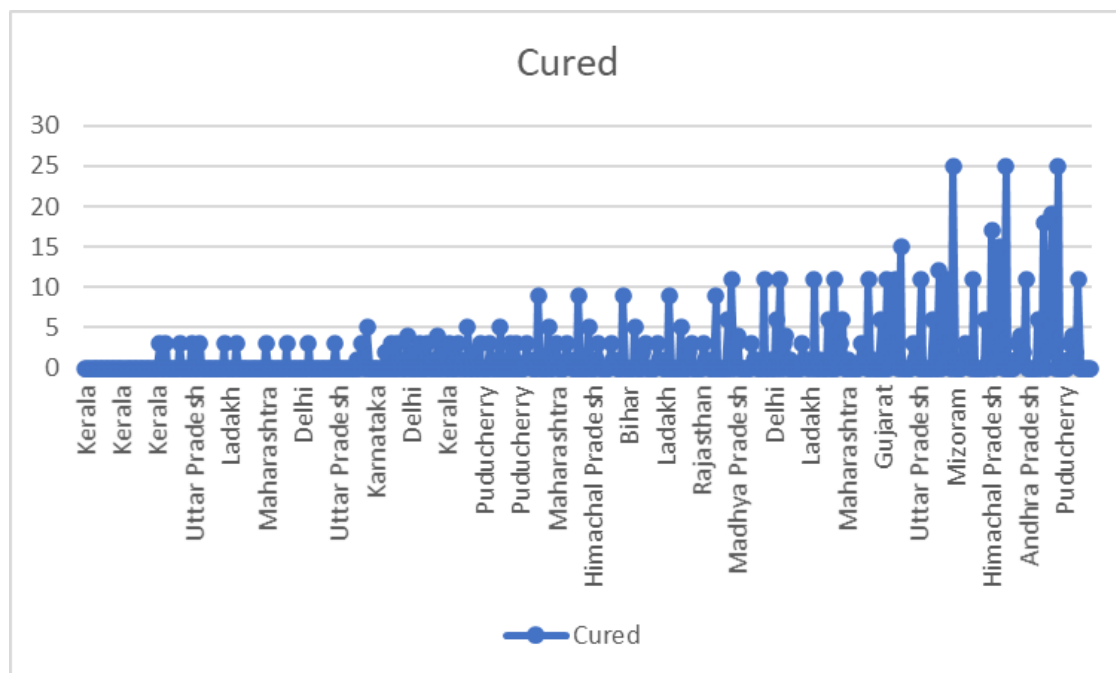
REPORTS CREATED WITH DESCRIPTION

➢ **Here is the representation of people who affected corona virus in India**

➢ **Here is the representation of people who died due to corona virus in India**

➢ **Here is the representation of people who cured corona virus in India**

AIMS & OBJECTIVES

The main objective of the Project on "COVID 19 IN INDIA" is to collect data about the Corona virus spread in India and analyze that with Excel to create some rich reports. The purpose of the project is to identify how corona virus affected in India and among people.

FUTURE SCOPE OF THE WORK

From this study we understood that the India's Covid-19 cases are flaring up sharply. The country reported more than 1 lakh cases in the last 24 hours. The Death rate in India is also Increasing. considering the great diversity in every aspect of India, along with its vast population, it would a much better idea to look at each of the states individually. The study of each of the states individually would help decide further actions to contain the spread of the disease, which can be crucial for the specific states only.

CONCLUSION

The spiralling and pervasive COVID-19 pandemic has distorted the world's thriving economy in unpredictable and ambiguous terms. But it significantly indicated that the current downturn seems primarily different from recessions of the past which had jolted the country's economic order. Whereas the nations, conglomerates, corporations and multinationals continue to understand the magnitude of the pandemic, it is undoubtedly the need of the hour to prepare for a future that is sustainable, structurally more viable for living and working.

While the unprecedented situation has caused a great damage to the economy, especially during periods of lockdown, the nation will have to work its way through it, by introduction of fiscal measures. As the national government envisions, protection of both lives and livelihood is required. The economic activity must begin gradually after screening of the labour force. Strict preventive measures should be implemented by the industry in order to safeguard the health of the workers. While policy and reforms should be doled out by the government adequately to salvage the economy, the industry, civil societies and communities have an equal role in maintaining the equilibrium. The norms of social distancing, avoiding or cancelling gatherings, and use of masks and sanitisers should be the way of life till we are able to eradicate the virus. During this time, the economy is juxtaposed with social behaviour of humankind, so the responsibility of bringing back economic action is not of government alone.

The risk of a global recession due to COVID-19 in 2020 and 2021 would be extremely high, as it has been observed globally that the shutdown of all economic activities—production, consumption and trade—to control the spread of COVID-19 is imminent. The nature of shutdown is unique in case of COVID-19 due to a supply shock, a demand shock and a market shock. The recovery in economy depends on the timings and magnitude of government support as well as the level of corporate debt and how the companies and markets cope with lower demand. Government assistance to those most in need (largely constituted of unorganised sector, migrants and marginalised communities) is a critical measure to save many lives.

However, every crisis brings about a unique opportunity to rethink on the path undertaken for the development of a human being, community and society. The COVID-19 pandemic has a clear message for the Indian economy to adopt sustainable developmental models, which are based on self-reliance, inclusive frameworks and are environment friendly.