HEALTH CARE USING EXCEL

STUDENT NAME : A.DEEPIKA

REGISTER NO   : 422200028

DEPARTMENT   : III.B.COM (ISM)

COLLEGE   : S.I.V.E.T COLLEGE

✓ <u>HEALTH CARE USING EXCEL</u>

➤ AGENDA

1.Problem Statement
2.Project Overview
3.End Users
4.Our Solution and Proposition
5.Dataset Description
6.Modelling Approach
7.Results and Discussion
8.Conclusion

➤ PROBLEM STATEMENT

The healthcare industry faces numerous challenges, including improving patient care quality, efficient resource allocation, and effective financial management.

❖ Data management :

Managing the large volume of data from multiple sources is a challenge. This includes data mining, storage, and packaging.

❖ Data privacy :

Data exchange is restricted by the need to mask patient-identifiable information like social security numbers and medical record numbers

❖ Population health management :

Data analytics can help identify health needs and risks in a population, and then design interventions to improve health outcomes.

➤ **PROJECT OVERVIEW**

❖ Health care, or healthcare, is the improvement of health via the prevention, diagnosis, treatment, amelioration or cure of disease, illness, injury, and other physical and mental impairments in people.

❖ Health care is delivered by health professionals and allied health fields.

➢ WHO ARE THE END USERS?

The end users of a healthcare project can include patients, doctors, and other health and social care professionals:

❖ *Patients :*

Patients are an essential source of information for healthcare projects, and their data is used to profile the project's activities.

❖ *Doctors :*

Doctors are involved in building the diagnostic and knowledge base for healthcare projects.
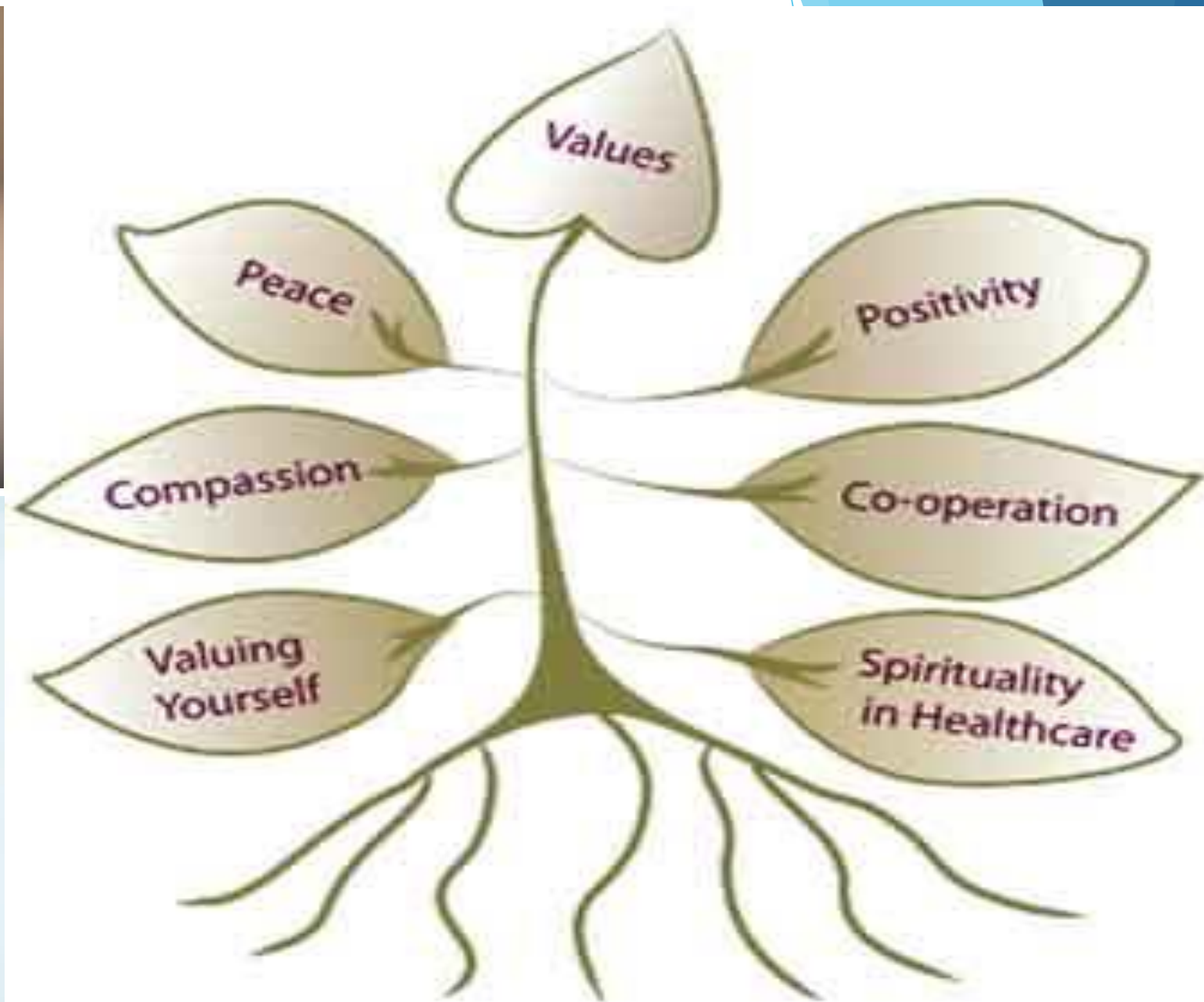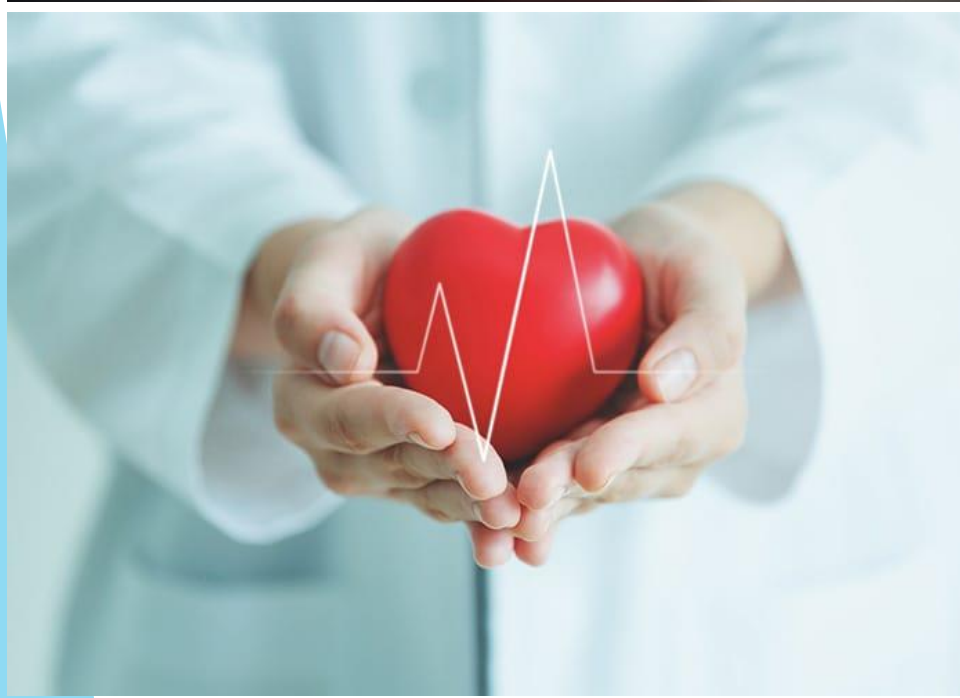
❖ *Other health and social care professionals:*

Other health and social care professionals, such as nurses, dieticians, and social workers, can be involved in healthcare projects.

OUR SOLUTION AND ITS VALUE PROPOSITION

➢ Dataset Description

➢ A health care dataset is a collection of :

- ❖ Medical records
- ❖ Diagnoses
- ❖ Treatments
- ❖ Genetic data
- ❖ Lifestyle details
- ❖ Measurements
- ❖ Financial records
- ❖ Statistical figures
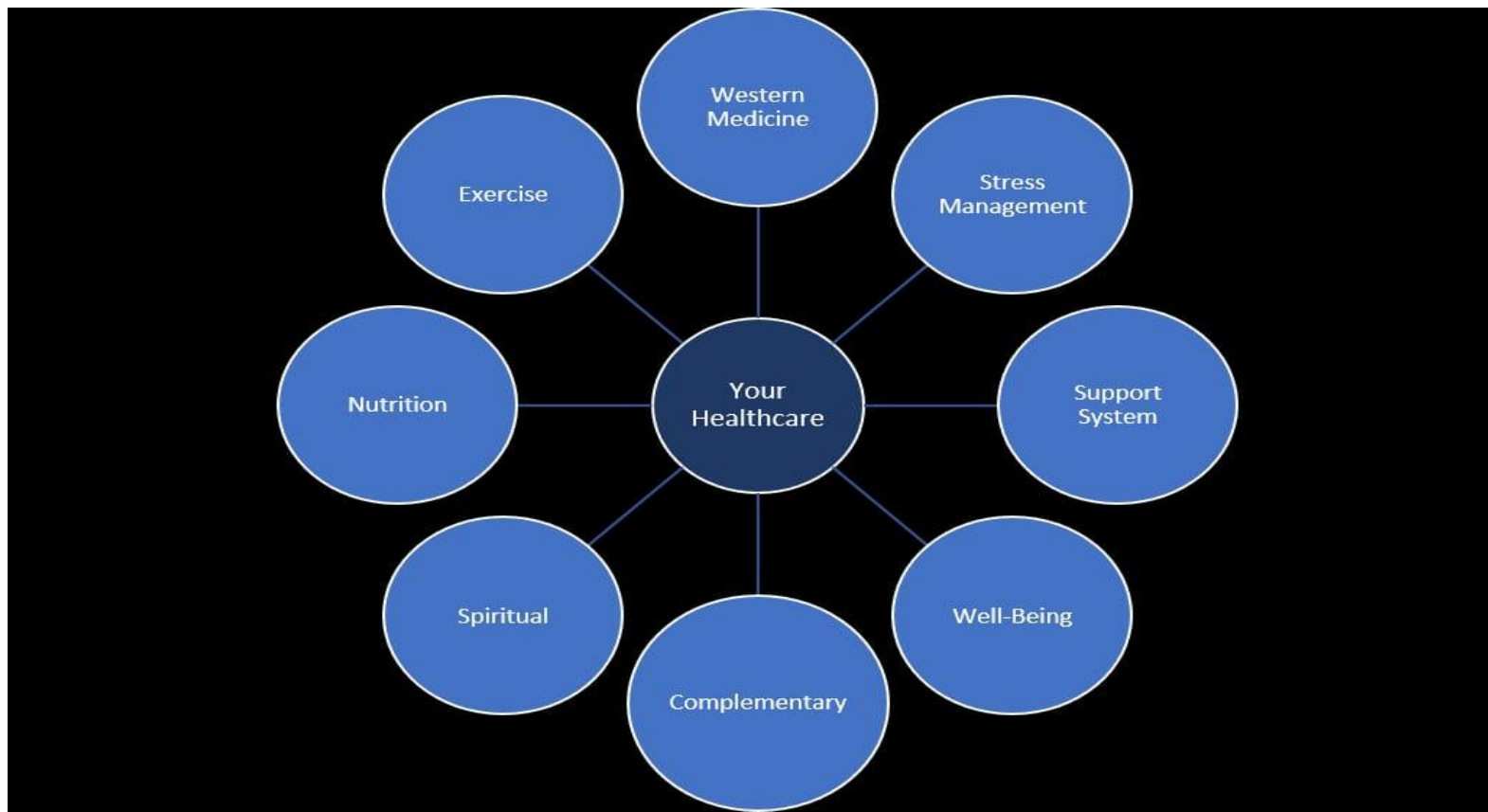- ❖ Demographic details
- ❖ Insurance data.

➢ THE "WOW" IN OUR SOLUTION

❖ The "wow" factor in patient care, the Wheel of Wellbeing **(WoW)** program, and the Workstation on Wheels **(WOW)** service program:

❖ The "wow" factor in patient care Small things can make a big difference in a patient's experience, such as:

❖ Touching the patient.
❖ Smiling when entering the room.
❖ Asking the patient what they prefer.
❖ Apologizing when a test is delayed or a meal isn't what the patient ordered.
❖ Asking if there is anything more you can do for the patient.

➢ **MODELLING**

❖ Modeling in healthcare is the use of mathematical techniques to study and represent health systems and processes.

➢ <u>RESULTS</u>

Healthcare Sector – Q3 FY20 Results Analysis

Company	Mkt Cap QoQ%	Mkt Cap YoY%	Revenue QoQ%	Revenue YoY %	PAT QoQ%	PAT YoY%
Ajanta Pharma Ltd.	-1.90%	-17.90%	1.30%	34.20%	-7.60%	60.80%
Alkem Laboratories Ltd.	6.80%	7.30%	-3.60%	13.30%	2.50%	89.80%
Aurobindo Pharma Ltd.	-20.50%	-37.50%	5.10%	12.10%	10.40%	-0.50%
Biocon Ltd.	32.60%	-5.90%	11.20%	13.50%	-11.30%	1.20%
Cadila Healthcare Ltd.	8.60%	-27.40%	8.90%	0.50%	339.60%	-29.00%
Cipla Ltd.	15.30%	-9.00%	-0.70%	8.40%	-26.40%	9.40%
Dr. Reddy's Laboratories Ltd.	7.10%	10.50%	6.60%	12.50%	NA*	NA*
Sun Pharmaceutical Industries Ltd.	12.40%	0.20%	1.10%	5.00%	-12.30%	-29.80%

➢ **Conclusion**

❖ Health care system are essential for improving and maintaining the health care
Of the population of any country.

❖ Health system are the result of the combined efforts of government agencies ,
Institutions and resources with the main aim of improving the health of their
people.

❖ Properly designed health systems have a strong preventive component which can
Detect possible illnesses through a combination of action and advice.