

# CBSE | DEPARTMENT OF SKILL EDUCATION

## DATA SCIENCE (SUBJECT CODE - 844)

CLASS – XI (SESSION 2022-2023)

Total Marks: 100 (Theory-50 + Practical-50)

	UNITS	MAXIMUM MARKS FOR THEORY AND PRACTICAL
<b>PART A</b>	<b>EMPLOYABILITY SKILLS</b>	
	Unit 1 : Communication Skills-III	2
	Unit 2 : Self-Management Skills-III	2
	Unit 3 : ICT Skills-III	2
	Unit 4 : Entrepreneurial Skills-III	2
	Unit 5 : Green Skills-III	2
	<b>TOTAL</b>	<b>10</b>
<b>PART B</b>	<b>SUBJECT SPECIFIC SKILLS</b>	
	Ethics in Data Science	20
	Assessing Data	
	Forecasting on Data	
	Randomization	
	Introduction to R Studio	20
<b>TOTAL</b>	<b>40</b>	
<b>PART C</b>	<b>PRACTICAL WORK / PROJECT WORK/FIELD VISIT</b>	
	Practical File/ Student Portfolio	10
	Practical Examination	20
	Written Test	10
	Viva Voce	10
	<b>TOTAL</b>	<b>50</b>
	<b>GRAND TOTAL</b>	<b>100</b>

# CBSE | DEPARTMENT OF SKILL EDUCATION

## DATA SCIENCE (SUBJECT CODE - 844)

CLASS – XII (SESSION 2022-2023)

Total Marks: 100 (Theory-50 + Practical-50)

	UNITS	MAXIMUM MARKS FOR THEORY AND PRACTICAL
<b>PART A</b>	<b>EMPLOYABILITY SKILLS</b>	
	Unit 1: Communication Skills-IV*	-
	Unit 2: Self-Management Skills-IV	3
	Unit 3: ICT Skills-IV	3
	Unit 4: Entrepreneurial Skills-IV	4
	Unit 5: Green Skills-IV*	-
	<b>TOTAL</b>	<b>10</b>
<b>PART B</b>	<b>SUBJECT SPECIFIC SKILLS</b>	
	Data Governance	<b>20</b>
	Exploratory Data Analysis	
	Classification Algorithms I	
	Classification Algorithms II	
	Regression Algorithms I	<b>20</b>
	Regression Algorithms II	
	Unsupervised Learning	
<b>TOTAL</b>	<b>40</b>	
<b>PART C</b>	<b>PRACTICAL WORK / PROJECT WORK/FIELD VISIT</b>	
	Practical File/ Student Portfolio (Final Project I and Final project II)	<b>10</b>
	Practical Examination	<b>20</b>
	Written Test	<b>10</b>
	Viva Voce	<b>10</b>
	<b>TOTAL</b>	<b>50</b>
	<b>GRAND TOTAL</b>	<b>100</b>

**Note:** \* marked units are to be assessed through Internal Assessment/ Student Activities. They are not to be assessed in Theory Exams.