

# PROJECT REPORT FORMAT

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**DEPARTMENT OF DATA SCIENCE AND  
ARTIFICIAL INTELLIGENCE  
HIMACHAL PRADESH UNIVERSITY  
SHIMLA-171005, INDIA**

**CHAIRMAN**

**PROF. MANU SOOD**

## 1. Cover Page

## 2. Preliminary Pages (Roman Numbering)

2.1. Certificate from the Guide	1 page
2.2. Certificate from the Company / Organization	1 page
2.3. Declaration by the Student	1 page
2.4. Acknowledgement	1 page
2.5. Abstract	1-2 pages
2.6. List of Tables	1-2 pages
2.7. List of Figures	1-2 pages
2.8. Table of Contents	1-2 pages

## 3. Main Report (Arabic Numbering Starts)

3.1 Introduction	
3.1.1 Organization / Company Profile (if applicable)	1-2 pages
3.1.2 Introduction to the Project (Problem domain, Relevance field (e.g., AI, ML, NLP, DL, etc.))	4-8 pages
3.1.3 Review of Existing Systems / Related Work	2-5 pages
3.1.4 Motivation and Research Gaps	1-2 pages
3.1.5 Objective(s)	1 pages
3.1.6 Contribution	1-2 pages
3.1.7 Limitations	1-2 pages
3.1.8 Problem Definition (Carrier problem statement, e.g., AI, ML, NLP, DL, etc.)	2-3 pages
3.1.9 Proposed Approach (Model, method, innovation)	2-5 pages
3.1.10 Experimental Setup	
• Dataset Used	
• Requirements (Hardware/Software/Cloud tools like Google Colab, TensorFlow, etc.)	1 page
• Back-end Tools (Python, TensorFlow, PyTorch, etc.)	1-3 pages
• Front-end Tools (If applicable: Streamlit, Flask, etc.)	1-3 pages
• Software Requirement Specification	2-5 pages
3.2 Design of Project	10-20 pages
3.2.1 Data Flow & Architecture	
3.2.2 ER Diagram (If DB is used)	
3.2.3 Process Flow / System Pipeline	
3.2.4 Model Architecture Diagram (for DL) / ML Workflow	
3.2.5 Data Dictionary / Feature Description	
3.2.6 Dataset Details & Preprocessing	

3.3 Model Development	Actual
3.3.1 Model Selection (ML algorithms or DL models like CNN, RNN, etc.)	
3.3.2 Training & Validation	
3.3.3 Evaluation Metrics (Accuracy, Precision, Recall, F1-Score, AUC, etc.)	
3.3.4 Hyperparameter Tuning	
3.3.5 Results	
3.4 Results Analysis	
3.4.1 I/O Screens and Explanations (Screenshots of UI, dashboards)	Actual
3.4.2 Reports and Visualizations (Confusion matrix, ROC curves, model comparison plots, etc.)	Actual
3.6 Gantt Chart (Timeline of activities: Data collection → Modeling → Evaluation → Deployment)	Actual
3.7 Future Enhancements (Improvements, scalability, Real-time deployment, explainability, etc.)	1-2 pages
3.8 Conclusion (Optional) (Summary of results, insights, practical implications)	1-2 pages

## 4. Bibliography

Papers, articles, ML/DL books, online resources, tools	Actual
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## 5. Annexures / Appendices (If any)

Actual

- Sample code snippets
- Dataset samples
- Screenshots

## 6. Presentation Format (Slides)

- Title Slide
- Table of Contents
- Introduction (Project Background, Problem Statement)
- Motivation and Research Gaps
- Problem Statement and Objective(s)
- Methodology (ML/DL workflow, model architecture)
- Design (Diagrams, data pipeline)
- Performance Evaluation Metrics Parameters
- Results (Charts, confusion matrix, metric tables)
- Limitations
- Screenshots (UI/UX if applicable)
- Conclusion & Future Work
- Bibliography

- Thank You

## **7. Text Formatting Guidelines**

### **General Formatting**

- Font Type: Times New Roman
- Font Size (Main Text): 12 pt
- Line Spacing: 1.5 lines
- Alignment: Justified
- Page Size: A4
- Margins: Top: 1", Bottom: 1", Left: 1.5", Right: 1"
- Paragraph Indentation: First line 0.5 inch (avoid tabs)
- Page Numbering: Roman (i, ii...) for prelim pages, Arabic (1, 2...) from Chapter 1

### **Chapter Headings and Structure**

- Chapter Title: UPPERCASE, Bold, Centered, Font Size: 16 pt
- Section Headings: Title Case, Bold, Left Aligned, Font Size: 14 pt (e.g., 1.1 Introduction)
- Subsection Headings: Sentence case, Bold, Font Size: 13 pt (e.g., 1.1.1 Model background)
- Sub-subheadings: Italic, Font Size: 12 pt, Slightly indented
- Text under headings: Normal (12 pt), justified, 1.5 line spacing
- Figure & Table Captions: Font Size: 11 pt, centered below (Figure) or above (Table)
- Equations: Centered; number right-aligned (e.g., (1.1))
- Footnotes: Font Size: 10 pt, bottom of page

### **Tables, Figures, and Code**

- Figures: Center aligned, high-resolution PNG/JPG, caption below the figure
- Tables: Center aligned, neat borders, caption above the table
- Code Snippets: Courier New, 10 pt, shaded/boxed area, avoid full pages of code; use appendices for large blocks

## **References and Citations**

- Citation Style: IEEE or APA (consistent throughout)
- Bibliography Font: Times New Roman, 12 pt, single spacing
- In-text Citation: [1], [2] (IEEE) or (Author, Year) (APA)
- Bibliography Format: Numbered (IEEE), Alphabetical (APA)

## **Other Elements**

- Abstract: 1–2 pages, concise, Times New Roman, 12 pt, 1.5 spacing
- Acknowledgement, Declaration, Certificates: One page each, properly formatted, centered headers
- Appendices: Labeled as Appendix A, B, etc.
- Chapter Numbering: CHAPTER 1, CHAPTER 2 in uppercase bold
- Section Numbering: Use decimal: 1.1, 1.2.1, etc.

## **Suggested Document Layout Structure**

- Cover Page: Varies, Centered, Single spacing
- Preliminary Pages: 12 pt, Justified, 1.5 spacing, Roman page numbers
- Chapter Titles: 16 pt, Centered, Double spacing, Bold, All Caps
- Headings (1st level): 14 pt, Left, 1.5 spacing, Bold
- Subheadings (2nd level): 13 pt, Left, 1.5 spacing, Bold
- Sub-subheadings: 12 pt, Italic, Left, 1.5 spacing
- Main Paragraphs: 12 pt, Justified, 1.5 spacing

**“TITLE OF THE PROJECT”**

**A PROJECT REPORT**

By

**“NAME OF THE STUDENT”**

**“Enrollment Number”**

*SUBMITTED TO*

**HIMACHAL PRADESH UNIVERSITY - SHIMLA**

*IN*

*PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE*

*OF*

**MASTER OF DATA SCIENCE AND ARTIFICIAL  
INTELLIGENCE**

**(MSC DS&AI)**

**Session: 20XX-XX**

Under the Supervision of

**NAME OF THE SUPERVISOR**

**[DESIGNATION]**



**DEPARTMENT OF DATA SCIENCE AND ARTIFICIAL  
INTELLIGENCE**

**HIMACHAL PRADESH UNIVERSITY**

**SHIMLA-171005, INDIA**

## **DECLARATION**

I, “\_\_\_\_\_ D/S/O Sh. \_\_\_\_\_”, having examination Roll No. \_\_\_\_\_, a student of *Master of Data Science and Artificial Intelligence (MSC DS&AI) Session (20XX-XX)*, hereby declare that the Project Report titled “\_\_\_\_\_” submitted to the *Department of Data Science and Artificial Intelligence, Himachal Pradesh University, Shimla*, for the partial fulfillment of the requirement for the degree of *Master of Data Science and Artificial Intelligence*, has been carried out by me under the guidance of **[SUPERVISOR NAME]**.

This Project is an outcome of my independent and original work accomplished during the 4th Semester of *MSC Data Science and Artificial Intelligence* Programme. I have duly acknowledged all the sources from which the ideas and extracts have been taken. The project is free from any plagiarism and has not been submitted elsewhere to any other University / Institute for the fulfillment of the requirements of any course of study.

*Dated:*

*Signature of Student(s)  
with Full Name and  
Enrollment Number/Batch etc.*

# **CERTIFICATE FROM ORGANIZATION**

*#For those students who are doing their Internship/training in an Institute or Company.*





**DEPARTMENT OF DATA SCIENCE AND  
ARTIFICIAL INTELLIGENCE  
HIMACHAL PRADESH UNIVERSITY  
SHIMLA-171005, INDIA**

**SUPERVISOR NAME**

Department of Data Science and Artificial Intelligence

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**CERTIFICATE**

This is to certify that the project report entitled “\_\_\_\_\_”  
submitted to **Department of Data Science and Artificial Intelligence, Himachal Pradesh University,  
Shimla - 171005** in partial fulfillment of the requirement for the award of the degree of **MASTER  
OF DATA SCIENCE AND ARTIFICIAL INTELLIGENCE (MSC DS&AI)** has been carried  
out by Mr./Ms.\_\_\_\_\_, with enrolment no.\_\_\_\_\_under my guidance during the  
4<sup>th</sup> Semester of MSC DS&AI Programme.

I wish him/her all the best for future.

*Dated:*

**SUPERVISOR NAME**

## ACKNOWLEDGEMENT

I express my deepest gratitude to my supervisor respected [Name], [Designation], Department of Data Science and Artificial Intelligence, Himachal Pradesh University, Shimla, for his constant creative guidance, supervision, and inspiration during work. Indeed, without his co-operation, this crucial work would have not taken its present form.

I have no words to express my gratitude to [ ], who helped me directly or indirectly in the completion of this project work.

I also want to express heartfelt appreciation to my family and friends and seniors who have helped me immensely during my work. Their blessings and affections are not to be reciprocated in words but are to be felt in the deepest core of my heart.

I sincerely acknowledge the cooperation of all the teaching and non-teaching staff to collect the requisite data for the accomplishment of this work.

Place: Shimla

Dated:

(Name)

Roll No.

Class

## **ABSTRACT**

## **LIST OF TABLES**

## **LIST OF FIGURES**

## **LIST OF ABBREVIATIONS**

## **TABLE OF CONTENTS**

# **CHAPTERS**

**1, 2, 3...**



## **BIBLIOGRAPHY**

**PROJECT LOGBOOK**  
**MSC DATA SCIENCE AND ARTIFICIAL INTELLIGENCE**  
**SESSION 2023-25**  
***DEPARTMENT OF DATA SCIENCE AND ARTIFICIAL  
INTELLIGENCE***



**PROJECT TITLE:** \_\_\_\_\_

**WORKPLACE:** \_\_\_\_\_

**STUDENT DETAILS:**

UNIVERSITY ROLL NO.	STUDENT NAME	MOBILE NO.	INTERNSHIP DURATION
			January-June 2025(6 months)

**SUPERVISOR DETAILS:**

SUPERVISOR NAME	DESIGNATION	SIGNATURE

## TABLE OF CONTENTS

S.NO.	MONTH	WEEK	TOPIC	PAGE NO.
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		WEEK 4		
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		WEEK 3		
		WEEK 4		
3	MARCH	WEEK 1		
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		WEEK 4		
4	APRIL	WEEK 1		
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5	MAY	WEEK 1		
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6	JUNE	WEEK 1		
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# JANUARY

## WEEK 1

WEEK(DATE)	
COMPANY TIMING	10 Am – 7 Pm (Monday To Friday)
ACTIVITY/TASK	Starting Of The Project
TOPICS COVERED	
EXPLANATION	

## WEEK 2

WEEK(DATE)	
COMPANY TIMING	10 Am – 7 Pm (Monday To Friday)
ACTIVITY/TASK	
TOPICS COVERED	
EXPLANATION	