KONKAN GYANPEETH COLLEGE OF ENGINEERING, KARJAT

MINI PROJECT DIARY

ACADEMIC YEAR 2020-21 EVEN SEM

Department	Information Technology
Subject	Mini Project - BE SEM VIII

Group No.	1

Project Title	Twitter Sentiment Analysis
Type	Machine Learning

Students Details:

Sr. No.	Name of the Student	Correspondence Address	Email Id	Contact No. Resi.	Contact No. Mobile
1	Prathamesh Chikane	Gokul colony housing society,behind model high school,kolsewadi,Kalyan(E)	Chikane.prathamesh@kgce.edu.in		9619919844
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Instructor/Guide	Prof. J.P. Patil

KONKAN GYANPEETH COLLEGE OF ENGINEERING, KARJAT

MINI PROJECT DIARY

Project Coordinator   **Head of Dept.**

Minutes of Project Meeting

Project Work Progress Report	Week No	Start Date	End Date
	1	03/07/2020	10/07/2020

Tasks Completed:

Studied basic concepts of machine learning

Tasks Remaining:

To Study different types of machine learning algorithms

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To Study different types of machine learning algorithms

Group Code :   G1   **Date :**   **Signature of Guide**

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MINI PROJECT DIARY
Minutes of Project Meeting

Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		11/07/2020	17/07/2020

Tasks Completed:

Studied different types of machine learning algorithms

Tasks Remaining:

To study all types depply for deciding which type is useful for our project

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study all types depply for deciding which type is useful for our project

Group Code :   **G1**   **Date :**   **Signature of Guide**

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MINI PROJECT DIARY
Minutes of Project Meeting

Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		18/07/2020	24/07/2020

Tasks Completed:

Studied all types deeply for deciding which type is useful for our project

Tasks Remaining:

To study about supervised learning algorithms

<table>
<tr><td colspan="4" align="center">Remarks by Instructor about Progress in the Week</td></tr>
<tr><td>o   Excellent</td><td>o   Good</td><td>o   Satisfactory</td><td>o   Not Satisfactory</td></tr>
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Next Week Plan:

To study about supervised learning algorithms

Group Code :   **G1**   **Date :**   **Signature of Guide**

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MINI PROJECT DIARY
Minutes of Project Meeting

Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		25/07/2020	**31/07/2020**

Tasks Completed:			
Studied different supervised machine learning algorithms like Linear regression , Support Vector machines,Naïve Bayes,Decision Trees,Random forest			
Tasks Remaining:			
To study different unsupervised learning algorithms			
Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory
Next Week Plan:			
To study different unsupervised learning algorithms			
Group Code : **G1** **Date :** **Signature of Guide**			

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MINI PROJECT DIARY

Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		01/08/2020	07/08/2020

Tasks Completed:

Studied different unsupervised learning algorithms like K-means clustering,KNN, Principal component analysis,Anamoly detection etc

Tasks Remaining:

To study different reinforcement learning algorithms

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study different reinforcement learning algorithms

Group Code :   **G1**   **Date :**   **Signature of Guide**

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MINI PROJECT DIARY
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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		08/08/2020	14/08/2020
Tasks Completed:			
Studied different reinforcement learning algorithms			
Tasks Remaining:			
Comparing all types of algorithms			
Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory
Next Week Plan:			
Comparing all types of algorithms			
Group Code : G1		**Date :**	**Signature of Guide**

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MINI PROJECT DIARY
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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		15/08/2020	21/08/2020

Tasks Completed:

Compared all types of algorithms

Tasks Remaining:

Decision on which types of algorithms are best suitable for our project

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

Decision on which types of algorithms are best suitable for our project

Group Code :   G1   **Date :**   **Signature of Guide**

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MINI PROJECT DIARY
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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		22/08/2020	28/08/2020

Tasks Completed:

Decided to use supervised learning algorithms because in supervised learning we give
Labelled datasets to algorithms and based on this it gives predictions values

Tasks Remaining:

To shortlist different supervised learning algorithms

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To shortlist different supervised learning algorithms

Group Code :   G1   **Date :**   **Signature of Guide**

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		29/08/2020	**04/09/2020**

Tasks Completed:

Shortlisted Naïve bayes,support vector machines,Decision trees,logistic regression

Tasks Remaining:

To study about Naïve bayes algorithm and its different parameters

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study about Naïve bayes algorithm and its different parameters

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		05/09/2020	11/09/2020

Tasks Completed:

Studied Naïve bayes algorithm and its parameters like accuracy, uses,advantages, disadvantages

Tasks Remaining:

To study support vector machine algorithm and its parameters

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study support vector machine algorithm and its parameters

Group Code :   G1   **Date :**   **Signature of Guide**

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		12/09/2020	18/09/2020

Tasks Completed:

Studied Support vector machines algorithm and its parameters like accuracy, uses, Advantages,disadvantages

Tasks Remaining:

To study decision trees algorithm and its parameters

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study decision trees algorithm and its parameters

Group Code :   **G1**   **Date :**   **Signature of Guide**

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		19/09/2020	25/09/2020

Tasks Completed:

Studied decision algorithm and its parameters like accuracy, uses,
Advantages,disadvantages

Tasks Remaining:

To study logistic regression algorithm and its parameters

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study logistic regression algorithm and its parameters

Group Code :   **G1**   **Date :**   **Signature of Guide**

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		26/09/2020	02/10/2020

Tasks Completed:

Studied logistic regression algorithm and its parameters like accuracy, uses, Advantages,disadvantages

Tasks Remaining:

To study about neural networks and its parameters

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study about neural networks and its parameters

Group Code :	**G1**	**Date :**	**Signature of Guide**

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		03/10/2020	09/10/2020

Tasks Completed:

Studied Neural Networks and its parameters like accuracy, uses,advantages disadvantages

Tasks Remaining:

To select algorithm which will be best suitable for our project

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To select algorithm which will be best suitable for our project

Group Code :   G1   **Date :**   **Signature of Guide**

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		10/10/2020	16/10/2020

Tasks Completed:

Selected Naïve bayes algorithm and support vector machines algorithm

Tasks Remaining:

To start building our model on both the algorithms

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To start building our model on both the algorithms

Group Code :   G1   **Date :**   **Signature of Guide**

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		17/10/2020	23/10/2020

Tasks Completed:

Started building our model on both the algorithms

Tasks Remaining:

To study of different Natural Language Processing concepts

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study of different Natural Language Processing concepts

Group Code :   **G1**   **Date :**   **Signature of Guide**

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		24/10/2020	30/10/2020

Tasks Completed:

Studied different Natural Language Processing concepts like tokenization,stemming etc

Tasks Remaining:

To study which language to use for machine learning between python and R

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study which language to use for machine learning between python and R

Group Code :   G1   **Date :**   **Signature of Guide**

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		31/10/2020	06/11/2020

Tasks Completed:

Studied different Natural Language Processing concepts like tokenization,stemming etc

Tasks Remaining:

To study which language to use for machine learning between python and R

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study which language to use for machine learning between python and R

Group Code :   **G1**   **Date :**   **Signature of Guide**

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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		07/11/2020	**13/11/2020**

Tasks Completed:

Compared between both languages and decided to use python

Tasks Remaining:

To study of how to add addional functionalities in our project

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

To study of how to add addional functionalities in our project

Group Code :   G1   **Date :**   **Signature of Guide**

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Project Work Progress Report	Week No	Start Date	End Date
		14/11/2020	20/11/2020
Tasks Completed:			
Studied about different additional functionalities in our project and decided to add Emotional analysis			
Tasks Remaining:			
To research about emotional analysis			
Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory
Next Week Plan:			
To research about emotional analysis			
Group Code : G1		**Date :**	**Signature of Guide**

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MINI PROJECT DIARY
Minutes of Project Meeting

Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		21/11/2020	27/11/2020
Tasks Completed:			
Researched about emotional analysis			
Tasks Remaining:			
To study how to implement it with our project			
Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory
Next Week Plan:			
To study how to implement it with our project			
Group Code : G1		**Date :**	**Signature of Guide**

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MINI PROJECT DIARY
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Project Coordinator   **Head of Dept.**

Project Work Progress Report	Week No	Start Date	End Date
		28/11/2020	04/12/2020

Tasks Completed:

Studied how to implement emotional analysis with our project

Tasks Remaining:

Finalizing the best algorithms between naïve bayes and support vector machines

Remarks by Instructor about Progress in the Week			
o Excellent	o Good	o Satisfactory	o Not Satisfactory

Next Week Plan:

Finalizing the best algorithms between naïve bayes and support vector machines

Group Code :   G1   **Date :**   **Signature of Guide**