### MINI PROJECT DIARY

## **ACADEMIC YEAR 2020-21 EVEN SEM**

Department	Information Technology
Subject	Mini Project - BE SEM VIII

Group No.	1
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Project Title	Twitter Sentiment Analysis
Type	Machine Learning

#### **Students Details:**

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No.	Student	Correspondence Address	Email Id	Resi.	Mobile
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Instructor/Guide	Prof. J.P. Patil
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## MINI PROJECT DIARY

## **Project Coordinator**

Head of Dept.

## **Minutes of Project Meeting**

Project Work Week No Start Date		End Date					
Progress Report	1	03/07/2020	10/07	/2020			
Tasks Completed:							
Studied basic concepts of machine learning							
Tasks Remaining:							
To Study different types	of machine le	arning algorithms					
	_						
Re	marks by Instr	ructor about Progress	in the Week				
o Excellent	o Good	o Satis	sfactory	o Not			
				Satisfactory			
Next Week Plan:		,	1				
To Study different types	of machine le	arning algorithms					
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Group Code: G1		Date :	Signati	ire of Guide			

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	E	nd Date
Progress Report		11/07/2020	17/0	7/2020
Tasks Completed:				
Studied different types	s of machine lea	rning algorithms		
_				
Tasks Remaining:	-1 C 1: 1:	1:-1-1-1		
To study all types dep	bly for deciding	wnich type is useful fo	or our project	
Re	emarks by Instr	ructor about Progress i	n the Week	
o Excellent	o Good	o Satis	factory	o Not
				Satisfactory
Next Week Plan:		-	<u>'</u>	
To study all types dep	oly for deciding	which type is useful for	or our project	
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Group Code : G	1	Date:	Signa	ture of Guide

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date		End Date		
Progress Report		18/07/2020	24	/07/2020		
Tasks Completed:						
Studied all types deeply	y for deciding v	which type is usefu	l for our projec	t		
		_				
Tasks Remaining:						
To study about supervi	sed learning a	lgorithms				
Re	marks by Instr	ructor about Progre	ess in the Week			
o Excellent	o Good	o S	atisfactory	o Not		
				Satisfactory		
Next Week Plan:		·	·			
To study about supervi	sed learning a	lgorithms				
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Group Code :	G1	Date :	Sigi	nature of Guide		

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	End Date				
Progress Report		25/07/2020	31/07/2020				
Tasks Completed:							
Studied different super	Studied different supervised machine learning algorithms like Linear regression,						
Support Vector machine	es,Naïve Baye	s,Decision Trees,Rando	m forest				
Tasks Remaining:							
To study different unsu	pervised lear	ning algorithms					
Rei	marks by Inst	ructor about Progress i	n the Week				
o Excellent	o Good	o Satis	factory o Not				
			Satisfactory				
Next Week Plan:							
To study different unsu	pervised lear	ning algorithms					
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Group Code :	Group Code: G1 Date: Signature of Guide						

## MINI PROJECT DIARY

### **Project Coordinator**

Project Work	Week No	Start Date	End Date				
Progress Report		01/08/2020	07/08/2020				
Tasks Completed:							
Studied different unsupervised learning algorithms like K-means clustering,KNN,							
Principal component ar	nalysis,Anamo	ly detection etc					
Tasks Remaining:							
To study different reinf	orcement lear	ning algorithms					
Re	marks by Inst	ructor about Progress	in the Week				
o Excellent	o Good	o Sati	sfactory o N	ot			
			Satisf	actory			
			Jacisi	actory			
Next Week Plan:			<u> </u>				
To study different reinf	orcement lear	ning algorithms					
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Group Code :	<b>G1</b>	Date :	Signature of Gui	ide			

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	E	nd Date
Progress Report		08/08/2020	14/	08/2020
Tasks Completed:				
Studied different reinfo	orcement learn	ning algorithms		
Tasks Remaining:				
Comparing all types of	algorithms			
Re	emarks by Insti	ructor about Progress	in the Week	
<ul> <li>Excellent</li> </ul>	o Good	o Sati	sfactory	o Not
				Satisfactory
				- Satisfactory
Next Week Plan:		1		
Comparing all types of	algorithms			
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### **Project Coordinator**

Project Work	Week No	Start Date	F	End Date
Progress Report		15/08/2020	21/	08/2020
			·	
Tasks Completed:				
Compared all types of a	lgorithms			
Tasks Remaining:				
Decision on which type	s of algorithm	s are best suitable foi	our project	
Re	marks by Insti	ructor about Progress	s in the Week	
o Excellent	o Good	o Sat	isfactory	o Not
				Satisfactory
				- Butisfactory
Next Week Plan:				
Decision on which type	s of algorithm	s are best suitable for	r our project	
Beelstein ein witten ej pe	o or argorrania	s are sest saltasie io	our project	
Group Code :	<b>G1</b>	Date :	Signa	ature of Guide

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	E	nd Date	
Progress Report		22/08/2020	28	3/08/2020	
Tasks Completed:					
Decided to use supervi	sed learning al	gorithms because in su	ipervised lear	ning we give	
Labelled datasets to alg	gorithms and b	ased on this it gives pr	edictions valu	ies	
Tasks Remaining:					
To shortlist different su	upervised learı	ning algorithms			
Re	emarks by Instr	ructor about Progress i	n the Week		
<ul> <li>Excellent</li> </ul>	ent o Good o Satisfactory o Not				
				Satisfactory	
				Satisfactory	
Next Week Plan:					
To shortlist different si	upervised leari	ning algorithms			
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# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	End Date	
Progress Report		29/08/2020	04/09/2020	
Tasks Completed:				
Shortlisted Naïve bayes	s,support vecto	or machines,Decision t	rees,logistic regression	
Tasks Remaining:				
To study about Naïve b	ayes algorithn	n and its different para	meters	
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Re	marks by Inst	ructor about Progress	in the Week	
o Excellent	o Good	o Satis	sfactory o No	ot
			Satisfa	actory
			butisit	
Next Week Plan:			1	
To study about Naïve b	aves algorithn	n and its different para	meters	
10 Study asout Harve s	ay ee argerrani	arana ito annoi one para		
Group Code :	G1	Date :	Signature of Gui	de

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	End Date			
Progress Report		05/09/2020	11/09/2020			
Tasks Completed:						
Studied Naïve bayes alg	gorithm and its	s parameters like accu	racy, uses,advantages,			
disadvantages						
Tasks Remaining:						
To study support vecto	r machine algo	orithm and its parame	ters			
		-				
Re	marks by Insti	ructor about Progress	in the Week			
o Excellent	o Good	o Satis	sfactory o N	ot		
			Satisf	actory		
Next Week Plan:		I	I			
To study support vecto	r machine algo	orithm and its parame	ters			
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Group Code :	G1	Date :	Signature of Gu	ide		

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Dat	e	End Date		
Progress Report		12/09/20	20	18/09/2020		
Tasks Completed:						
Studied Support vector	machines algo	orithm and its p	arameters like a	iccuracy, uses,		
Advantages, disadvanta	iges					
Tasks Remaining:						
To study decision trees	algorithm and	l its parameters	}			
Re	marks by Insti	ructor about Pro	ogress in the We	ek		
<ul> <li>Excellent</li> </ul>	o Good	C	Satisfactory	o Not		
				Satisfactory		
				buttorig		
Next Week Plan:						
To study decision trees algorithm and its parameters						
		-				
Group Code :	G1	Date:	S	ignature of Guide		

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date		<b>End Date</b>	
Progress Report		19/09/2020	25	/09/2020	
Tasks Completed:					
Studied decision algori	ithm and its par	rameters like accur	acy, uses,		
Advantages, disadvanta	ages				
Tasks Remaining:					
To study logistic regre	ssion algorithm	n and its parameter	S		
Re	emarks by Instr	ructor about Progre	ess in the Weel	ζ	
<ul> <li>Excellent</li> </ul>	o Good	o S	atisfactory	o Not	
				Satisfactory	
				- Juliotation y	
Next Week Plan:					
To study logistic regres	ssion algorithm	and its parameter	S		
		•			
Group Code :	G1	Date:	Sig	nature of Guide	

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	End Date			
Progress Report		26/09/2020	02/10/2020			
Tasks Completed:						
Studied logistic regressi	ion algorithm	and its parameters like	e accuracy, uses,			
Advantages, disadvantag	ges					
Tasks Remaining:						
To study about neural n	etworks and i	its parameters				
Rei	narks by Insti	ructor about Progress i	n the Week			
o Excellent	o Good	o Satis	factory o Not			
			Satisfactory			
			Satisfactory			
Next Week Plan:		<b>'</b>	<b>'</b>			
To study about neural n	etworks and i	its parameters				
		•				
Group Code :	G1	Date:	Signature of Guide			

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	End Date			
Progress Report		03/10/2020	09/10/2020			
Tasks Completed:						
Studied Neural Network	ks and its para	ameters like accuracy, ı	ıses,advantages			
disadvantages						
Tasks Remaining:						
To select algorithm whi	ch will be bes	t suitable for our proje	ct			
Rer	marks by Inst	ructor about Progress i	n the Week			
<ul> <li>Excellent</li> </ul>	o Good	o Satis	factory o Not			
			Satisfactory			
Next Week Plan:						
To select algorithm whi	ch will be bes	t suitable for our proje	ct			
Group Code :	G1	Date :	Signature of Guide			

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### **Project Coordinator**

Project Work	Week No	Start Date	End Date	
Progress Report		10/10/2020	16/10/2020	
Tasks Completed:				
Selected Naïve bayes al	gorithm and s	support vector machir	nes algorithm	
Tasks Remaining:				
To start building our m	odel on both t	the algorithms		
D	1 1 7 .	. 1	1 147 1	
Re	marks by Inst	ructor about Progress	s in the Week	
<ul> <li>Excellent</li> </ul>	o Good	o Sat	isfactory o Not	
			Satisfactory	
Next Week Plan:				
To start building our m	odel on both t	he algorithms		
10 Start Barraing our In		210 415011111110		
Group Code :	<b>G</b> 1	Date :	Signature of Guide	

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	End Date			
Progress Report		17/10/2020	23/10/2020			
Tasks Completed:						
Started building our mo	del on both th	ne algorithms				
Tasks Remaining:						
To study of different Na	tural Languag	ge Processing concepts	1			
Rei	marks by Insti	ructor about Progress	in the Week			
o Excellent	o Good	o Sati	sfactory o Not			
			Satisfactory			
Next Week Plan:						
To study of different Natural Language Processing concepts						
Group Code :	<b>G1</b>	Date :	Signature of Guide			

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	End Date			
Progress Report		24/10/2020	30/10/2020			
Tasks Completed:						
Studied different Natur	al Language P	rocessing concepts like	tokenization,stemming etc			
Tasks Remaining:						
To study which languag	ge to use for m	achine learning betwe	en python and R			
Re	marks by Inst	ructor about Progress i	n the Week			
o Excellent	o Good	o Satis	factory 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			

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date	End Date	
Progress Report		31/10/2020	06/11/2020	
Tasks Completed:				
Studied different Natur	al Language P	rocessing concepts like	e tokenization,stemming etc	
Tasks Remaining:				
To study which languag	ge to use for m	nachine learning betwe	en python and R	
D.				
Re	marks by inst	ructor about Progress	in the week	
<ul> <li>Excellent</li> </ul>	o Good	o Satis	sfactory o Not	
			Satisfactory	
Next Week Plan:				
To study which languag	ge to use for m	nachine learning betwe	en python and R	
Group Code :	<b>G1</b>	Date :	Signature of Guide	

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work	Week No	Start Date		End Date		
Progress Report		07/11/2020	13,	/11/2020		
Tasks Completed:						
Compared between bot	h languages a	nd decided to use py	thon			
Tasks Remaining:						
To study of how to add	addional fund	ctionalities in our pro	oject			
Re	marks by Inst	ructor about Progres	s in the Week			
o Excellent	o Good	o Sa	tisfactory	o Not		
				Satisfactory		
Next Week Plan:						
To study of how to add	addional fund	ctionalities in our pro	oject			
		<b>.</b>	•			
Group Code :	G1	Date :	Sign	ature of Guide		

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work Progress Report	Week No	Star	rt Date	E	nd Date			
		14/1	1/2020	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 Satis	factory	o Not			
					Satisfactory			
Next Week Plan:								
To research about emotional analysis								
Group Code :	<b>G1</b>	Date:	1	Signature of Guide				

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

Project Work Progress Report	Week No	Sta	rt Date		End Date			
		21/2	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		o Not			
					Satisfactory			
Next Week Plan:								
To study how to implement it with our project								
Group Code :	G1	Date: Signature of Guide		gnature of Guide				

# MINI PROJECT DIARY Minutes of Project Meeting

### **Project Coordinator**

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 Satis	factory o Not						
			Satisfactory						
Next Week Plan:									
Finalizing the best algorithms between naïve bayes and support vector machines									
_			_						
Group Code :	G1	Date:	Signature of Guide						