S/N	Title of the paper	Name of Author s	Publi shed Year	Methods used to detect stress	Algorithms	Advantages and disadvantages
1	Stress Detection with Machine Learning and Deep Learning usingMultimodal Physiological Data.	1.Pramo d Bobade. 2.Vani M.	2020	A) WESAD is the dataset that is used for this study. This dataset was introduced and made publicly available by Attila Reiss, Philip Schmidt, et al. in 2018	six machine learning (Random Forest, Decision Tree, AdaBoost, k Nearest Neighbour, Linear Discriminant Analysis and Kernel Support Vector Machine) and a deep learning artificial neural network (ANN) were used and their performance was compared.	1. by using deep learning's simple artificial neural network classifier, accuracy has reached up to 84.32% and up to 95.21% in the case of three-class and binary classification problems, respectively.  2. the DT had the overall worst performance, whereas kernel SVM had the best performance among all machine learning classifiers, and ANN gives the overall best performance among all classifiers.

Stress Gedam Detection Detection Using Detection Using Using Detection Using Wearable Sensors and Machine Learning.  Learning.  1) Stress Detection Using Electroencephalography (EEG) 3) Stress detection Using Electroencephalography (EEG) 3) Stress detection Using Electroencephalography (EEG) 3) Stress detection Using Electroencephalography (EPG) 3) Stress Detection Using Microblogs D) Stress Detection Using Microblogs D) Stress Detection Using Microblogs D) Stress Detection Using Victoos E) Sress Detection Using Victoos E)	2	Automatic	1.Shruti	2020	Methods used for stress	Tree algorithm ,	Random Forest
Detection 2. Sanchi Wearable Sensors and IOT Devices. B) Stress Detection through Physiological Signals. Sensors and Machine Learning.  Learning.  Learning.  Detection 2. Sanchi Devices. B) Stress Detection through Physiological Signals. 1) Stress detection using Electrocardiogram (ECG) 2) Stress detection using wearable Photoplethysmography (EEG). 3) Stress Detection Using Microblogs D) Stress Detection ID Various Environmental using Wearable Sensors.  3 A Decision Tree Optimised SVM Paul Model for Cruz Stress 2. Detection using Bio signals.  Detection using Pradeep Sivasankr Alkrishn aveni K S D)For designing the model, test study was directed and substantiated for stress  AN Supervised Heart rate variability and skin conductance are more useful in prediction of stress level of an individual.  Various Environmental using Wearable Sensors. A) Supervised machine learning drawn was that Cubic SVM model with a conductance are more useful in prediction of stress level of an individual.  1. The conclusion drawn was that Cubic SVM model with a conclusion matrix in MATLAB to find the best SVM model. D)For designing the model, test study was directed and substantiated for stress		Stress	Gedam			Random Forest,	Gives best results.
Using ta Paul By Stress Detection through Physiological Signals.  Sensors and Machine (Learning.  Learning.  Learning.  Devices. By Stress detection using Electrocardiogram (ECG) 2) Stress detection using Electroencephalography (EEG). 3) Stress detection using wearable Photoplethysmography (PPG) device. C) Stress Detection Using Microblogs D) Stress Detection Using Videos E) Sress Detection in Various Environmental using Wearable Sensors.  3 A Decision Tree Optimised SVM Paul Model for Cruz Stress Detection using Bio signals.  Pradeep Sivasankr Alarvind Bio signals.  Pradeep Sivasankr Alarvind Riya Sivasankr Alarvind Bio signals.  Devices. By Stress Detection of Stress Detection of Signal to detect was used for stress of the product of the produc					-		
Wearable Sensors and Machine Learning.  Learning.  Learning.  A Decision Tree Optimised SVM Model for Stress Detection using Bio signals.  A Padep Stress Detection using Bio signals.  A Pradeep Stress Detection using Bio signals.  A Pradeep Sivasankr Alkrishn aveni K S  Differ the signal of the signal to design and the signal to design accuracy rate than aveni K S  Meighbour.  Neighbour.  Weighbour.  Heart rate  variability and skin  conductance are  more useful in prediction of stress level of an individual.  Prediction Using Was assetettion Using Wearable Sensors.  A) Supervised I. The conclusion machine learning drawn was that Algorithm, SVM Algorithm, SVM Cubic SVM model showed higher was used for was use						,	
Sensors and Machine Learning.  Signals.  1) Stress detection using Electrocardiogram .(ECG) 2) Stress detection using Electrocardiogram .(ECG) 3) Stress detection using wearable encount with the stress production of stress level of an individual.  3) Stress Detection Using Microblogs Distress Detection Using Wearable Sensors.  4) A Decision Tree District of the stress of the st		Using	ta Paul		-	d K-Nearest	features extracted
Machine Learning.  Level of an individual.  Level of an individu		Wearable				Neighbour.	using Heart rate,
Machine Learning.  1.(ECG) 2) Stress detection using Electroencephalography (EEG). 3) Stress detection using wearable Photoplethysmography (PPG) device. C) Stress Detection Using Wideos E) Stress Detection in Various Environmental using Wearable Sensors. Optimised SVM Paul taken as the bio signal to detect Stress 2. Detection using Aravind Bio signals. Pradeep activity of human heart. 3. Kavali C)Accuracy was measured using Sivasankr A. Krishn aveni K S Sivasankr Study was directed and substantiated for stress Study was directed and substantiated for stress  Level of an individual.  1. The conclusion machine learning drawn was that Algorithm, SVM was used for building the model other models. 2. t. Cubic SVM model surpassed the other SVM model with a Gaussian Kernel surpassed the other SVM model in Accuracy.		Sensors and			,		Heart rate
Learning.  2) Stress detection using Electroencephalography (EEG). 3) Stress detection using wearable Photoplethysmography (PPG) device. C) Stress Detection Using Wideos E) Stress Detection in Various Environmental using Wearable Sensors.  3 A Decision Tree Optimised SVM Paul Model for Cruz Stress Detection Using Aravind Bio signals.  4 Detection using Aravind Riya Sivasankr 4.Krishn aveni K S  Differ designing the model, test study was directed and substantiated for stress  2) Stress Detection in Various Environmental using Wearable Sensors.  A) Supervised in individual.  A) Supervised machine learning drawn was that Cubic SVM model showed higher accuracy rate than other models.  Chaccuracy was measured using Confusion matrix in MATLAB to find the best SVM model. D)For designing the model, test study was directed and substantiated for stress		Machine					variability and skin
Electroencephalography (EEG). 3) Stress detection using wearable Photoplethysmography (PPG) device. C) Stress Detection Using Microblogs D) Stress Detection Using Videos E) Sress Detection Using Videos E) Sress Detection In Various Environmental using Wearable Sensors. A) Electrocardiogram (ECG) Was Model for Cruz A) Electrocardiogram (ECG) Was Model for Stress Detection using Bio signals.  Aravind Bio signals.  Pradeep Sivasankr A, Krishn aveni K S  Electroencephalography (PPG) device. C) Stress Detection Using Videos E) Sress Detection Ising Was Microblogs A) Supervised machine learning drawn was that Algorithm, SVM Algorithm, SVM Was used for building the model wilding the model  Other models.  2.t Cubic SVM model with a Gaussian Kernel surpassed the other SVM model in Accuracy.		Learning.			· · · · · · · · · · · · · · · · · · ·		conductance are
3) Stress detection using wearable Photoplethysmography (PPG) device. C) Stress Detection Using Microblogs D) Stress Detection Using Videos E) Sress Detection In Various Environmental using Wearable Sensors.  3 A Decision Tree 1.Alana 2020 A) Electrocardiogram (ECG) was machine learning drawn was that Cubic SVM model for Cruz testes 2. Detection using Bio signals.  Aravind Bio signals.  Pradeep 3.Kavali Riya Sivasankr Al-Krishn aveni K S D)For designing the model, test study was directed and substantiated for stress  A) Stress Accuracy as measured using the model substantiated for stress study was directed and substantiated for stress stress.  B) ECG represents electrical activity of human heart. C)Accuracy was measured using confusion matrix in MATLAB to find the best SVM model. D)For designing the model, test study was directed and substantiated for stress					_		more useful in
using wearable Photoplethysmography (PPG) device. C) Stress Detection Using Microblogs D) Stress Detection Using Videos E) Sress Detection In Various Environmental using Wearable Sensors.  3 A Decision Tree Optimised SVM Paul Model for Cruz Stress Detection using Bio signals. Detection using Bio signals. Pradeep Sivasankr A.Krishn aveni K S Differ designing the model, test study was directed and substantiated for stress Differ designing the model, test study was directed and substantiated for stress Differ designing the model. Differ designing the model, test study was directed and substantiated for stress Detection using Bio signals. Differ designing the model, test study was directed and substantiated for stress					1		prediction of stress
(PPG) device. C) Stress Detection Using Microblogs D) Stress Detection Using Videos E) Sress Detection Using Videos E) Sress Detection in Various Environmental using Wearable Sensors.  A) Electrocardiogram (ECG) was machine learning drawn was that Algorithm, SVM Cubic SVM model Stress C. Stress Detection using Aravind Bio signals. Bio signals. Pradeep activity of human heart. 3.Kavali Riya Sivasankr 4.Krishn aveni K S  (PPG) device. C) Stress Detection Using Videos E) Sress Detection Using was used for being drawn was that Algorithm, SVM Cubic SVM model was used for being building the model other models. 2.t Cubic SVM model with a Gaussian Kernel surpassed the other SVM model in Accuracy.					using wearable		level of an
C) Stress Detection Using Microblogs D) Stress Detection Using Videos E) Sress Detection in Various Environmental using Wearable Sensors.  A Decision Tree 1.Alana 2020 A) Electrocardiogram (ECG) was machine learning drawn was that taken as the bio signal to detect stress 2.  Detection using Bio signals.  Detection using Bio signals.  Pradeep 3.Kavali Riya Sivasankr 4.Krishn aveni K S  Differ designing the model, test study was directed and substantiated for stress suspensions.  C) Stress Detection Using Wideos E) Sress Detection in Various Environmental using Wearable Sensors.  A) Supervised 1. The conclusion machine learning drawn was that Algorithm, SVM Cubic SVM model showed higher building the model of the model substantiated for stress with the surpassed the other SVM model in Accuracy.							individual.
D) Stress Detection Using Videos E) Sress Detection in Various Environmental using Wearable Sensors.  3 A Decision Tree 1.Alana 2020 A) Electrocardiogram (ECG) was machine learning drawn was that taken as the bio signal to detect stress.  Detection using Bio signals.  Pradeep 3.Kavali Riya Sivasankr 4.Krishn aveni K S  Diffor designing the model, test study was directed and substantiated for stress  D) Stress Detection in Various Environmental using Wearable Sensors.  A) Supervised frame in the conclusion machine learning drawn was that the clambine drawn was that Algorithm, SVM Cubic SVM model was used for building the model willing the model other models.  2.1 Cubic SVM model in Accuracy.							
Videos E) Sress Detection in Various Environmental using Wearable Sensors.  A) Electrocardiogram (ECG) Was  Optimised SVM Paul Model for Cruz Stress 2. Detection using Bio signals.  Pradeep Riya Sivasankr 4.Krishn aveni K S  Videos E) Sress Detection in Various Environmental using Wearable Sensors. A) Electrocardiogram (ECG) Was  taken as the bio signal to detect stress. B) ECG represents electrical activity of human heart. C)Accuracy was measured using Confusion matrix in MATLAB to find the best SVM model. D)For designing the model, test study was directed and substantiated for stress  I. The conclusion machine learning drawn was that Cubic SVM model showed higher accuracy rate than other models. 2.t Cubic SVM model with a Gaussian Kernel surpassed the other SVM model in Accuracy.					_		
E) Sress Detection in Various Environmental using Wearable Sensors.  A) Decision Tree 1.Alana 2020 A) Electrocardiogram (ECG) was taken as the bio signal to detect stress.  Detection using Bio signals.  Aravind Bio signals.  Pradeep 3.Kavali Riya Sivasankr 4.Krishn aveni K S  E) Sress Detection in Various Environmental using Wearable Sensors.  A) Electrocardiogram (ECG) was machine learning drawn was that Algorithm, SVM was used for showed higher accuracy rate than other models.  C)Accuracy was measured using confusion matrix in MATLAB to find the best SVM model.  D)For designing the model, test study was directed and substantiated for stress					_		
Various Environmental using Wearable Sensors.   A Decision Tree   1.Alana   2020   A) Electrocardiogram (ECG)   Was   machine learning   drawn was that   Cubic SVM model   Cruz   Stress   2.   stress.   B) ECG represents electrical   activity of human heart.   C)Accuracy was measured   using   Sivasankr   4.Krishn   aveni K S   Alkan   Substantiated for stress   SVM model							
A Decision Tree Optimised SVM Paul Model for Cruz Stress 2. Detection using Bio signals. Pradeep Riya Sivasankr 4.Krishn aveni K S Optimised SVM A Decision Tree Optimised SVM Paul Model for Cruz Stress Aravind Bio signals. Aravind Bio signals. Pradeep Sivasankr 4.Krishn aveni K S Optimised SVM Paul Mass the bio signal to detect stress. Bectrical activity of human heart. Celectrical activity of human heart. Celectri					1 -		
Optimised SVM Paul taken as the bio signal to detect Algorithm, SVM Cubic SVM model Stress 2. Stress.  Detection using Aravind Bio signals.  Pradeep 3.Kavali Riya Sivasankr 4.Krishn aveni K S  Differ designing the model, test Substantiated for stress Substantiated for st			_				
Optimised SVM   Paul   taken as the bio signal to detect   Algorithm, SVM   Cubic SVM model   Stress   2.   Stress.   B) ECG represents electrical activity of human heart.   C)Accuracy was measured using   Sivasankr   4.Krishn aveni K S   D)For designing the model, test   Study was directed and substantiated for stress   Marchine learning   drawn was that   Cubic SVM model   Cubic SVM model   Showed higher   accuracy rate than other models.   2.t Cubic SVM model   Other models.   2.t Cubic SVM model   Sivasankr   Gaussian Kernel   SVM model in   Accuracy.   Accura	3	A Decision Tree	1.Alana	2020		A) Supervised	1. The conclusion
Stress 2. stress.  Detection using Bio signals.  Pradeep Riya Sivasankr 4.Krishn aveni K S  Model for Cruz detect stress.  B) ECG represents electrical activity of human heart.  C)Accuracy was measured using confusion matrix in MATLAB to find the best SVM model.  D)For designing the model, test study was directed and substantiated for stress  Algorithm, SVM was used for showed higher accuracy rate than other models.  2.t Cubic SVM model other model.  Gaussian Kernel surpassed the other SVM model in Accuracy.		Optimised SVM	Paul			machine learning	drawn was that
Detection using Bio signals.  Pradeep 3.Kavali Riya Sivasankr 4.Krishn aveni K S  B) ECG represents electrical activity of human heart.  C)Accuracy was measured using confusion matrix in MATLAB to find the best SVM model.  D)For designing the model, test study was directed and substantiated for stress		Model for	Cruz		_	Algorithm, SVM	Cubic SVM model
Bio signals.  Pradeep 3.Kavali C)Accuracy was measured using Confusion matrix in MATLAB to find the best SVM model.  D)For designing the model, test study was directed and substantiated for stress  model  other models.  2.t Cubic SVM model with a  Gaussian Kernel surpassed the other SVM model in Accuracy.		Stress	2.		stress.	was used for	showed higher
Bio signals.  Pradeep  3.Kavali  C)Accuracy was measured using  Confusion matrix in MATLAB to find the best SVM model.  D)For designing the model, test  substantiated for stress  other models.  2.t Cubic SVM model with a  Gaussian Kernel surpassed the other  SVM model in Accuracy.		Detection using	Aravind		B) ECG represents electrical		accuracy rate than
Riya  Sivasankr  4.Krishn aveni K S  D)For designing the model, test  substantiated for stress  C)Accuracy was measured using model with a  Gaussian Kernel surpassed the other  SVM model in  Accuracy.		Bio signals.	Pradeep		activity of human heart.	model	other models.
Sivasankr  4.Krishn aveni K S  D)For designing the model, test  substantiated for stress  Sivasankr  Gaussian Kernel surpassed the other  SVM model in Accuracy.			3.Kavali		C)Accuracy was measured		2.t Cubic SVM
4.Krishn aveni K S  MATLAB to find the best SVM model.  D)For designing the model, test study was directed and substantiated for stress			Riya		using		model with a
4.Krishn aveni K S  find the best SVM model.  D)For designing the model, test  study was directed and substantiated for stress  surpassed the other  SVM model in  Accuracy.			Sivasankr				Gaussian Kernel
aveni K S  D)For designing the model, test  study was directed and substantiated for stress  SVM model in Accuracy.			4.Krishn				surpassed the other
test Accuracy.  study was directed and substantiated for stress			aveni K S				SVM model in
substantiated for stress							Accuracy.
					study was directed and		
detection using database					substantiated for stress		
					detection using database		

		"drivedb" [Stress Recognition		
		in Automobile Drivers ] which		
		was taken from the website		
		Physio net.		