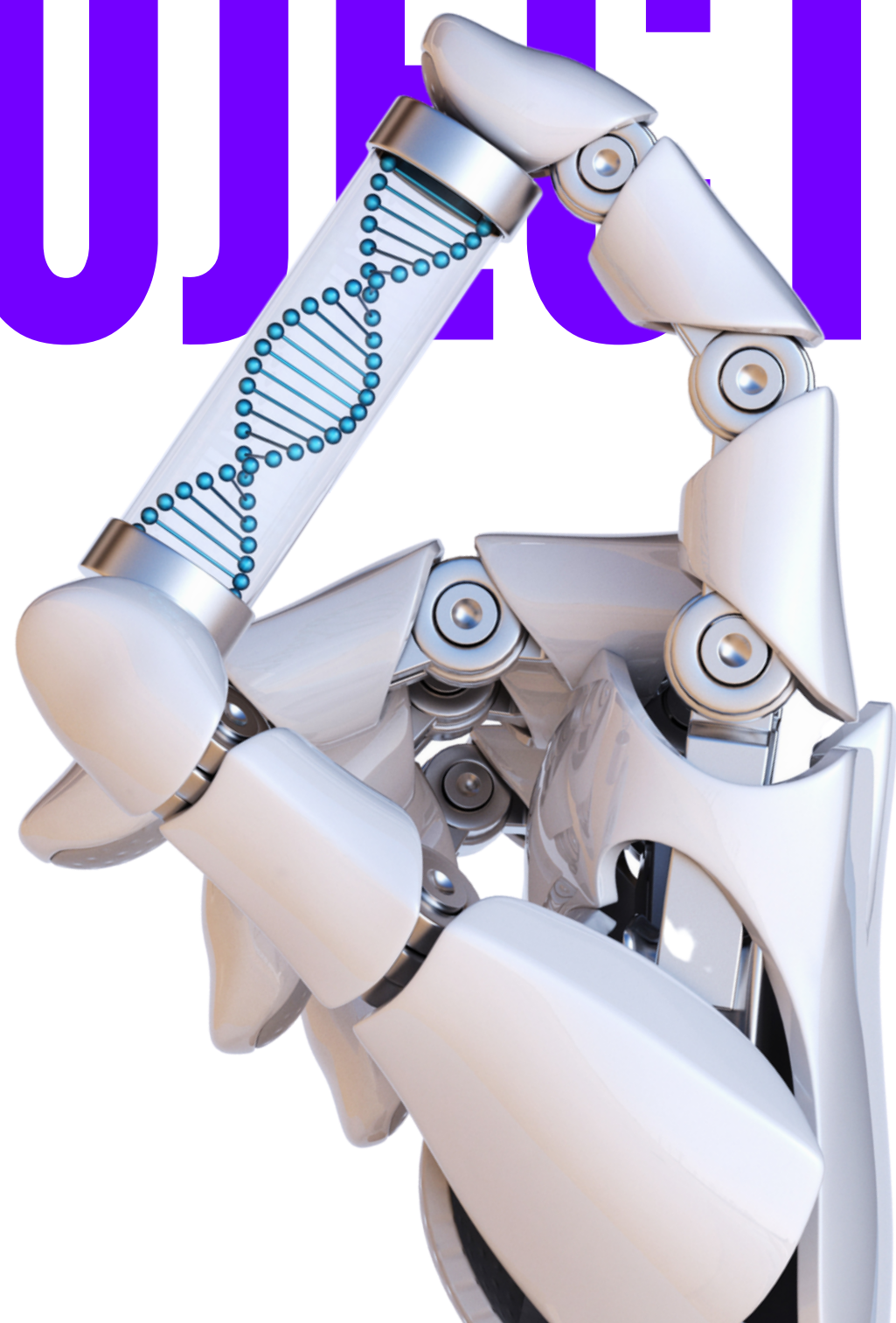
MACHINE LEARNING INDIA

Some interesting

FINAL YEAR PROJECTS

Save for later!



#1: Can machines learn music genres?

Research paper (RP): From Classical To Hip-Hop: Can Machines Learn Genres? by Aaron Kravitz, Eliza Lupone, Ryan Diaz.

#2: Predicting success of songs!

RP: Predicting the Commercial Success of Songs Based on Lyrics and Other Metrics by Angela Xue, Nick Dupoux.

#3: Emotion detection from voice!

RP: Analyzing Vocal Patterns to Determine Emotion by Andy Sun and Maisy Wieman.

#4: Trading strategy development.

RP: Algorithmic Trading Strategy Based On Massive Data Mining by Haoming Li, Tianlun Li and Zhijun Yang.

#5: Who can become an influencer?

RP: Predicting Influencers in a Social Network by Ruishan Liu, Yang Zhao and Liuyu Zhou.

#6: How good is this essay?

RP: Automated Essay Grading by Alex Adamson, Andrew Lamb, and Ralph Ma.

#7: Who's my business competitor?

RP: Strength in numbers: Modelling the impact of businesses on each other by Amir Sadeghian, Hakan Inan and Andres Noetzli.

#8: Where am I?

RP: Landmark Recognition Using Machine Learning by Andrew Crudge, Will Thomas and Kaiyuan Zhu.

#9: Real-time flight path optimization.

RP: Real Time Flight Path Optimization Under Constraints Using Surrogate Flutter Function by Arthur Paul-Dubois-Taine.

#10: Predicting high-risk countries.

RP: Predicting high-risk countries for political instability and conflict by Blair Huffman, Emma Marriott and April Yu.

#11: Segmenting tumors using MRI Scans.

RP: Diagnosing and Segmenting Brain Tumors and Phenotypes using MRI Scans by Samuel Teicher and Alexander Martinez.

#12: What's the optimal time to tweet?

RP: Blowing Up The Twittersphere - Predicting the Optimal Time to Tweet by Seth Hildick-Smith and Zach Ellison.

#13: Personality based on handwriting!

RP: Personality Prediction based on Handwriting using ML by Nikita Lemos, Krish Shah, Rajas Rade, Dharmil Shah.

#14: Brain EEG signal classification.

RP: An end-to-end deep learning approach to MI-EEG signal classification for Brain Computer Interfaces by Hauke Dosea, Jakob S.Mollera, Helle K.Iversenb, Sadasivan Puthusserypadya.

#15: 3D scene generation from text.

RP: Text to 3D Scene Generation with Rich Lexical Grounding by Angel Chang, Will Monroe, Manolis Savva, Christopher Potts and Christopher D. Manning.

#16: Don't break traffic rules!

Speed estimation, automatic detection of helmet and number plate in real time, from CCTV footage. Suggested by: **@chaitu3k**

#17: Enhancing video-quality.

Using GANs to enhance the quality of videos on streaming platforms and to lower the data usage. By: **@0.0ujjwal0.0**

#18: Vision-based inventory system.

Identifying and updating the stock in inventory using image or video processing. By: **@jayant_uppal**

#19: Personalized workout and diet!

Recommendation of work-out and diet plans based on photos of the body, weight, height, calorie intake, etc. By: **@techiez.ig**

#20: Detecting stress from behavior.

Identifying depression and stress levels based on the analysis of behavior patterns. By: **@manishbajjuri**

#21: Classifying legal documents.

Research paper (RP): Classifying Complex Legal Documents by Alex Ratner.

#22: Is my heart okay?

RP: Detecting Heart Abnormality using ECG with CART by Ben Zhou, Gaspar Garcia, Paurakh Rajbhandary.

#23: Predicting success of mobile apps!

RP: Predicting the Success of Mobile Applications by Cameron Tuckerman.

#24: Activity recognition!

RP: Activity Recognition Using Physiological Data Collected from Wearable Tech by Cezanne Camacho, Jennifer Li, Jeffrey Yang.

#25: Optimal game team compositions!

RP: Player Behavior and Optimal Team Compositions for Online Multiplayer Games by Hao Yi Ong, Sunil Deolalikar, Mark Peng.

#26: Am I going to complete my course?

RP: Predicting Course Completions For Online Courses by Joseph Paetz.

#27: No more SQL!

RP: NADAQ: Natural Language Database Querying Based on Deep Learning by Boyan Xu and Ruichu Cai.

#28: How many people?

RP: People Counting in Dense Crowd Images Using Sparse Head Detections by Mamoona Birkhez Shami and Salman Maqbool.

#29: Autonomous tagging of posts!

RP: Autonomous Tagging Of Stack Overflow Posts by Mihail Eric, Ana Klimovic, Victor Zhong.

#30: Communities meet businesses!

RP: Exposing commercial value in social networks matching online communities and businesses by Murali Narasimhan, Camelia Simoiu and Anthony Ward.

#31: Who might have been the artist?

RP: Automated Identification of Artist Given Unknown Paintings and Quantification of Artistic Style by Nicholas Dufour, Kyle Griswold and Michael Lublin.

#32: How complex was that lecture?

RP: Predicting Lecture Video Complexity by Nick Su and Ismael Menjivar.

#33: Polarity in online journalism!

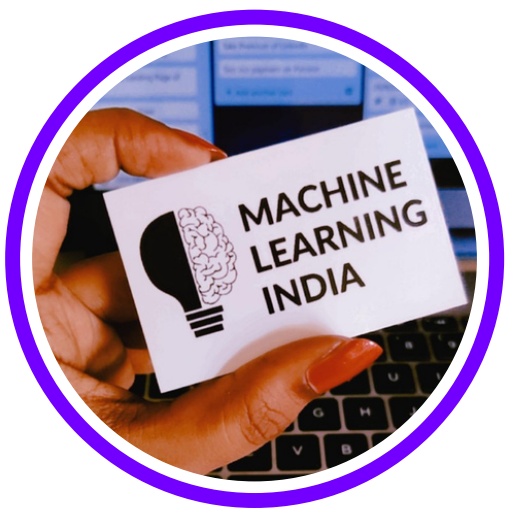
RP: Prediction of Average and Perceived Polarity in Online Journalism by Albert Chu, Kensen Shi and Catherine Wong.

#34: How will the markets react?

RP: Identifying And Predicting Market Reactions To Information Shocks In Commodity Markets by Eric Liu, Vedant Ahluwalia, Deepyaman Datta and Dongyang Zhang.

#35: Will this YouTube video be popular?

RP: YouTube Videos Prediction: Will this video be popular? by Yuping Li, Kent Eng and Liqian Zhang.



@ml.india

@ml_india_

bit.ly/mli-linkedin

@machinelearning24x7

YouTube.com/c/machinelearningindia

Find our content valuable?

Show your support by **liking**, **sharing**, **saving** this post and **commenting** below! Follow us for all the latest news, infographics and recommendations from the ML/AI industry!

Like.

Comment.

Share.