800+ Machine Learning Real World Projects

A curated list of ML Projects gathered from the internet.

If you find any doubts related to the projects, DM me on LinkedIn here: https://www.linkedin.com/in/hemansnation/

- 1. Customer Segmentation
- 2. Breast Cancer Detection
- 3. Car And Pedestrian Tracker
- 4. Car Price Prediction
- 5. Cifar-10
- 6. Income Classification using ML
- 7. Startups Success Rate Prediction
- 8. Bigmart Sales Prediction Analysis
- 9. Wine Quality Prediction Analysis
- 10. Turkiye Student Evaluation Analysis
- 11. Traffic Forecast
- 12. Million Songs Dataset
- 13. Loan Prediction Analysis
- 14. Iris dataset analysis
- 15. Image to Text Conversion & Extraction
- 16. Face Detection (OpenCV)
- 17. IMDb sentiment review Analysis using ML
- 18. Boston Housing Prediction Analysis
- 19. Black Friday Sales Prediction Analysis
- 20. Bike Sharing Demand Analysis
- 21. Data Scientist's Salary Prediction
- 22. Diabetes Classification
- 23. Heart Disease Prediction
- 24. First Innings Score Prediction
- 25. Mall Customer Segmentation
- 26. Predicting Admission into UCLA
- 27. Predicting House Prices in Bengaluru
- 28. Advandced Hyperparameter Tunning
- 29. House Price Prediction Detailed Analysis
- 30. Heart Disease Prediction
- 31. Sentiment Analysis
- 32. Clustering Mall Customer Segmentation
- 33. Clustering KMeans Clustering for Imaginary Analysis
- 34. China GDP Estimation
- 35. Clustering -Turkiye Student Evaluation Analysis
- 36. SMS Spam Detection Analysis
- 37. Text Summarization using Word Frequency
- 38. California Housing
- 39. Ad Demand Forecast
- 40. Article Recording System.
- 41. Autoencoder for customer churn
- 42. Bayesian Logistic Regression Bank marketing
- 43. Bayesian Statistics
- 44.BOW TFIDF XGboost Update

- 45. Autoencoder For Bank Employee Retention
- 46. Mercari Price Suggestion Lightgbm
- 47. Modeling House Price with Regularized
- 48. Linear Model _ XGboost
- 49. Nhanes Confidence Intervals
- 50. Nhanes hypothesis testing
- 51. Practical Statistics House Demand Analysis. Price Elasticity of Demand Analysis
- 52. Promotional Time Series
- 53. PySpark Advance Algorithms Practice Recommender Systems
- 54. Regression Diagnostics Seattle Hotels Recommender
- 55. Solving A Simple Classification Problem with Python Beef analysis
- 56. Text Classification Keras
- 57. Text Classification Keras consumer complaints
- 58. Time Series Forecastings
- 59. TPOT Mercedes
- 60. Weather Data Classification using Decision Trees Weather Data Clustering using k
- 61. Working with Databases
- 62. Xgboost_bow_tfidf
- 63. Building Recommended system
- 64. Building Recommender system with surprise
- 65. CLV _non_contractual
- 66. CLV_online_Retail
- 67. Collaborative Filtering Model with TensorFlow
- 68. Consumer complaints
- 69. Customer Segmentation Online Retail
- 70. Customer Segmentation Whosale Employee Turnover
- 71. Logistic Regression
- 72. LSTM Time Series Power Consumption for Diabetes
- 73. Movies Recommendation system
- 74. Language Translation Model using ML
- 75. U.S. Gasoline and Diesel Retail Prices 1995
- 76. Twitter Sentiment Analysis
- 77. Image Captioning
- 78. Sentiment Analysis for Tweets
- 79. 911 Calls Exploratory Analysis.
- 80. General Election Poll Analysis
- 81. Cross-Language Information Retrieval
- 82. Digit Recognition Model
- 83. Stock Market Analysis for Tech Stocks
- 84. Time Series Indian Nifty Next 25-day Performance Prediction.
- 85. Introvert & Extrovert People Clustering based on Social media activity.
- 86. Image to Text Conversion & Extraction
- 87. Autoencoder Fashion MNIST
- 88. Movie Recommendation Engine
- 89. Spam Email Classification
- 90. Traffic Sign Recognizer

- 91. Forbes 100 Billionaires Wealth Spending Analysis.
- 92. Online Payments Fraud Detection
- 93. Future Sales Prediction
- 94. Waiter Tips Analysis & Prediction
- 95. Stock Price Prediction
- 96. Flipkart Reviews Sentiment Analysis
- 97. Stock Price Prediction with LSTM Neural Network
- 98. Cryptocurrency Price Prediction for the next 30 days
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- 103. Stress Detection
- 104. AlexNet Neural Network Architecture
- 105. Visualizing a Algorithm
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- 110. Adding Labels to a Dataset for Sentiment Analysis
- 111. Pfizer Vaccine Sentiment Analysis
- 112. News Classification
- 113. Omicron Variant Sentiment Analysis
- 114. Iris Flower Classification
- 115. Water Quality Analysis
- 116.Twitter Sentiment Analysis
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- 120. Health Insurance Premium Prediction
- 121. Movie Rating Analysis for Beginners
- 122. Number of Orders Prediction
- 123. Apple Stock Price Prediction
- 124. Insurance Prediction
- 125. Worldwide Billionaires Analysis
- 126. Unemployment Analysis
- 127. Car Price Prediction Model
- 128. Spam Detection
- 129. Count Objects in Image
- 130. WhatsApp Chats Sentiment Analysis
- 131. WhatsApp Chats Analysis
- 132. Microsoft Stock Price Prediction
- 133. Covid-19 Vaccine Analysis
- 134. Video Game Sales Prediction Model
- 135. Student Grades Prediction Model
- 136. Saving a Model
- 137. Uber Trips Analysis
- 138. Google Search Analysis

- 139. Tesla Stock Price Prediction Model
- 140. Financial Budget Analysis
- 141.Click-Through Rate Prediction Model
- 142. Interactive Language Translator
- 143. Language Detection
- 144. Create a Chatbot with Python
- 145. Best Streaming Service Analysis
- 146. Data Science Project on President Heights
- 147. Data Science Project on Birth Rate Analysis
- 148. Data Science Project on Time Series
- 149. Data Science Project on Area and Population
- 150. A Complete Project Walkthrough
- 151. Text Summarization
- 152. Keyword Extraction
- 153. Data Science on Finance
- 154. Data Science on Marketing
- 155. End-to-end
- 156. on Binary Classification
- 157. Data Science Based on Domains
- 158. Sarcasm Detection
- 159. Social Media Followers Prediction
- 160. Amazon Product Reviews Sentiment Analysis
- 161. Hate Speech Detection
- 162. End-to-end Hate Speech Detection System
- 163. End-to-end Fake News Detection System
- 164. End-to-end Spam Detection System
- 165. Hotel Reviews Sentiment Analysis
- 166. Real-time Gender Detection System
- 167. Dogecoin Price Prediction
- 168. Google Play Store Sentiment Analysis
- 169. Amazon Alexa Reviews Sentiment Analysis
- 170. Social Media Ads Classification
- 171. Fake News Detection
- 172. End-to-End Model
- 173. Gender Detection
- 174. Sales Prediction
- 175. Currency Exchange Rate Prediction
- 176. End-to-end Project
- 177. Profit Prediction Model
- 178. Automatic Time Series Forecasting
- 179. Ted-Talks Recommendation System
- 180. Real-time Sentiment Analysis
- 181.Amazon Recommendation System
- 182. Mobile Price Classification
- 183. House Price Prediction
- 184. Real-Time Face Mask Detection
- 185. Gold Price Prediction
- 186. Object Detection

- 187. Next Word Prediction Model
- 188. Age and Gender Detection with Python
- 189. Autocorrect Keyboard with Python and .
- in 5 lines of code.
- 191. Deepfake Detection with .
- 192. Predict US Elections with Python.
- 193. Fake Currency Detection with .
- 194. Predict Tinder Matches with.
- 195. Pencil Sketch with Python.
- 196. OpenAl Gym in
- 197. Fraud Detection with.
- 198. Topic Modeling with Python
- 199. WhatsApp Group Chat Analysis
- 200. Network Security Analysis
- 201. Handwriting Recognition
- 202. Visualize a Solar System with Python.
- 203. Hate Speech Detection Model
- 204. Learning Gladiator
- 205. Time Series Covid-19 Cases Predictions for Next 30 Days
- 206. Time Series Stock Price Prediction using Linear Regression
- 207. Time Series Earthquake Prediction Model
- 208. Time Series Predict Migration
- 209. Time Series Weather Prediction Model
- 210. Contact Tracing with
- 211. Covid-19 Telegram Bot with Python
- 212. Covid-19 Detection with
- 213. Covid-19 Death Rate Analysis with
- 214.
- 215. HealthCare Heart Disease Prediction
- 216. HealthCare Skin Cancer Classification
- 217. HealthCare -Lung Segmentation
- 218. HealthCare Predict Diabetes
- 219. Face Mask Detection using ML
- 220. Face Expression Identifier
- 221. Employee Turnover Prediction
- 222. Earthquake Prediction
- 223. Software Developer Salary Prediction
- 224. Advanced Credit Card Fraud Detection
- 225. Cotton Disease Prediction
- 226. NLP Disaster or Not Disaster
- 227. Outliers Detection
- 228. Titanic Dataset & Advanced Analysis
- 229. Boston Housing Analysis
- 230. Pneumonia Classification
- 231. Gold Price Prediction.
- 232. Rain Fall Prediction
- 233. IPL First Inning Score Predictor
- 234. Live Smile Detector

- 235. Spam Classifier
- 236. Student Performance Analysis
- 237. Text Summarization
- 238. Time Series Forecasting
- 239. Time Series With LSTM
- 240. Indian Cricket Team Player's Next Match Performance Prediction
- 241. Titanic Survival Prediction
- 242. Tracking of Covid-19 in Animals.
- 243. Traffic Sign Recognition
- 244. Wine Quality Prediction
- 245. Play Money Ball
- 246. Baseball
- 247. Predict Stock Prices
- 248. Stock Price Predictor
- 249. Handwritten Text Recognition with TensorFlow
- 250. Investigate Enron Fraud Analysis with
- 251. Write ML Algorithms from Scratch
- 252. Social Media Sentiment
- 253. Improve Health Care
- 254. Iris Data
- 255. Loan Prediction Data
- 256. Bigmart Sales Data
- 257. Boston Housing Data
- 258. Time Series Analysis Data
- 259. Wine Quality Data
- 260. Turkiye Student Evaluation Data
- 261. Heights and Weights Data
- 262. Intermediate Level
- 263. Black Friday Data
- 264. Human Activity Recognition Data
- 265. Siam Competition Data
- 266. Trip History Data
- 267. Million Song Data
- 268. Census Income Data
- 269. Movie Lens Data
- 270. Twitter Classification Data
- 271. Advanced Level
- 272. Identify your Digits
- 273. Urban Sound Classification
- 274. Vox Celebrity Data
- 275. ImageNet Data
- 276. Chicago Crime Data
- 277. Age Detection of Indian Actors Data
- 278. Recommendation Engine Data
- 279. VisualQA Data
- 280. Nonlinear Reconstruction of Genetic Networks Implicated
- 281. Identifying Gender From Facial Features
- 282. Intensity prediction using DYFI

- 283. Artificial Intelligence on the Final Frontier
- 284. Life Expectancy Post Thoracic Surgery
- 285. Making Sense of the Mayhem
- 286. Better Reading Levels through
- 287. What are People Saying about Net Neutrality
- 288. Bird Species Identification from an Image
- 289. A bigram extension to a word vector representation
- 290. Mining for Confusion Classifying Affect in MOOC Learners' Discussion Forum Posts
- 291. Cardiac Arrhythmias Patients
- 292. Prediction of Average and Perceived Polarity in Online Journalism
- 293. Cardiac Dysrhythmia Detection with GPU-Accelerated Neural Networks
- 294. Nicolas Sanchez Ruck Those Stats
- 295. Classifying Wikipedia People Into Occupations
- 296. Classification of Soil Contamination
- 297. Automated Essay Grading
- 298. Relative and absolute equity return prediction using supervised learning
- 299. Seizure Prediction from Intracranial EEG Recordings
- 300. Predicting Seizure Onset with Intracranial Electroencephalogram(EEG)
- 301. Classifying Complex Legal Documents
- 302. Applied to the Detection of Retinal Blood Vessels
- 303. Survival Outcome Prediction for Cancer Patients
- 304. Predicting Cellular Link Failures to Improve User Experience on Smartphones
- 305. Yelp Personalized Reviews
- 306. KMeans
- 307. Strength in numbers_ Modelling the impact of businesses on each other
- 308. Correlation-Based Multi-Label Classification
- 309. Landmark Recognition Using
- 310. CarveML is an application to file fragment classification

311. classifier

- 312. Using Vector Representations to Augment Sentiment Analysis
- 313. Analyzing Vocal Patterns to Determine Emotion
- 314. Predicting the Commercial Success of Songs Based on Lyrics and Other Metrics
- 315. Application Of To Aircraft Conceptual Design
- 316. Extracting Word Relationships from Unstructured Data
- 317. for Predicting Delayed Onset Trauma Following Ischemic Stroke
- 318. Classifying Online User Behavior Using Contextual Data
- 319. Real-Time Flight Path Optimization Under Constraints Using Surrogate Flutter Function
- 320. Real-Time Dense Map Matching with Naive Hidden Markov Models Delay versus Accuracy
- 321. Prediction Function from Sequence in Venom Peptide Families
- 322. Restaurant Recommendation System
- 323. Home Electricity Load Forecasting
- 324. Learning Dota 2 Team Compositions

- 325. Applying Deep Learning to derive insights about non-coding regions of the genome
- 326. Classification of Higgs Jets as Decay Products of a Randall-Sundrum Graviton at the ATLAS Experiment
- 327. SemenFertilityPrediction.Axel Guyon,Florence Koskas,Yoann Buratti
- 328. Sentiment Analysis Using Semi-Supervised Recursive Autoencoders and Support Vector Machines
- 329. Classifying Syllables in Imagined Speech using EEG Data
- 330. Abraham Starosta-Typeguess
- 331. Predicting Usefulness of Yelp Reviews
- 332. Predicting Soccer Results in the English Premier League
- 333. Detecting Heart Abnormality using ECG with CART
- 334. Down and Dirty with Data
- 335. Hierarchical Classification of Amazon Products
- 336. Predicting high-risk countries for political instability and conflict
- 337. Implementation in live-cell tracking
- 338. Any Given Sunday
- 339. P300 Error Detection
- 340. Automated Canvas Analysis for Painting Conservation
- 341. Office Appliance Classification
- 342. Sentiment Analysis on Movie Reviews
- 343. Predicting Mobile Application Success
- 344. Modeling Activity Recognition Using Physiological Data Collected from Wearable Technology
- 345. Neural Network Joint Language Model.Charles Qi.[pdf]
- 346. Yelp Recommendation System Using Advanced Collaborative Filtering
- 347. Prediction of Yelp Review Star Rating using Sentiment Analysis
- 348. Classification of Bad Accounts in the Credit Card Industry
- 349. Classification Of Musical Playing Styles
- 350. Email Filtering By Response Required
- 351. Forecasting Utilization in City Bike-Share Program
- 352. Recommender.Christopher Aberger
- 353. Predicting Cell Type-Specific Chromatin States from Genetic Regulatory Networks
- 354. Pose Estimation Based on 3D Models
- 355. Visual Localization and POMDP for Autonomous Indoor Navigation
- 356. Contours and Kernels-The Art of Sketching
- 357. Indoor Positioning System Using Wifi Fingerprint
- 358. Predicting air pollution level in a specific city
- 359. Prediction of Transcription Factors that Regulate Common Binding Motifs
- 360. Multi-class motif discovery in keratinocyte differentiation
- 361. Defensive Unit Performance Analysis
- 362. Diagnosing Malignant versus Benign Breast Tumors via Techniques in High Dimensions
- 363. Hacking the Hivemind
- 364. Diagnosing Parkinson's from Gait
- 365. Implementing Algorithms on GPUs for Real-Time Traffic Sign Classification

- 366. Vignette
- 367. In JavaScript
- 368. Searching for exoplanets in the Kepler public data
- 369. Model Clustering via Group Lasso
- 370. Improving Positron Emission Tomography Imaging with
- 371. Algorithmic Trading of Futures via .David Montague
- 372. Topic-based comments exploration for online articles
- 373. Personal Legal Counselor and Interpreter of the Law via
- 374. Personalized Web Search
- 375. Detecting Ads in a Approach
- 376. Predicting Mitochondrial tRNA Modification
- 377. Collaborative Neighborhoods
- 378. Estimation of Causal Effects from Observational Study of Job Training Program
- 379. Deep Learning Architecture for Univariate Time Series Forecasting
- 380. Solomon
- 381. Automatic detection of nanoparticles in tissue sections
- 382. Implementation of Deep Convolutional NeuralNet on a DSP
- 383. Evergreen or Ephemeral Predicting Webpage Longevity Through Relevancy Features
- 384. MacMalware
- 385. Extractive Fiction Summarization Using Sentence Significance Scoring Models
- 386. Identifying And Predicting Market Reactions To Information Shocks In Commodity Markets
- 387. An EM-Derived Approach to Blind HRTF Estimation
- 388. The Many Dimensions of Net Neutrality
- 389. Learning To Predict Dental Caries For Preschool Children
- 390. Information based feature selection
- 391. Identifying Elephant Vocalizations
- 392. Predicting Protein Fragment Binding
- 393. Bike Share Usage Prediction in London
- 394. Localized Explicit Semantic Analysis
- 395. Robo Brain Massive Knowledge Base for Robots
- 396. Understanding Music Genre Similarity
- 397. Correlated Feature Selection for Single-Cell Phenotyping
- 398. Activity Recognition in Construction Sites Using 3D Accelerometer and Gyrometer
- 399. Event-based stock market prediction
- 400. Recommendation Based On User Experience
- 401. Spectrum Adaptation in Multicarrier Interference Channels
- 402. Exploring Potential for on Data About K-12 Teacher Professional Development
- 403. Player Behavior and Optimal Team Compositions for Online Multiplayer Games
- 404. Algorithmic Trading Strategy Based On Massive Data Mining
- 405. Face Detection And Recognition Of Drawn Characters
- 406. Gene Expression Analysis Of HCMV Latent Infection

- 407. A New Kalman Filter Method
- 408. Using Tweets for single stock price prediction
- 409. Naïve Bayes Classifier And Profitability of Options Gamma Trading
- 410. Vector-based Sentiment Analysis of Movie Reviews
- 411. A General-Purpose Sentence-Level Nonsense Detector
- 412. Characterizing Genetic Variation in Three Southeast Asian Populations for the Smart Grid
- 413. Predicting Africa Soil Properties
- 414. Automated Bitcoin Trading via Algorithms
- 415. SkatBot
- 416. Tradeshift Text Classification
- 417. New York City Bike Share
- 418. Predicting Seizure Onset in Epileptic Patients Using Intracranial EEG Recordings
- 419. Predicting Foster Care Exit
- 420. Yelp Recommendation System
- 421. Predicting National Basketball Association Game Winners
- 422. Predicting Yelp Ratings From Business and User Characteristics
- 423. Predicting Popularity of Pornography Videos
- 424. Accurate Campaign Targeting Using Classification Algorithms
- 425. Forecasting Bike Rental Demand
- 426. Predicting User Following Behavior On Tencent Weibo
- 427. Improving Taxi Revenue With Reinforcement Learning
- 428. Learning Facial Expressions From an Image
- 429. All Your Base Are Belong To Us English Texts Written by Non-Native Speakers
- 430. Identifying Regions High Turbidity
- 431. A Comparison of Classification Methods for Expression Quantitative Trait
- 432. Predicting Mobile Users' Future Location
- 433. Semi-Supervised Learning For Sentiment Analysis
- 434. Legal Issue Spotting
- 435. A novel way to Soccer Match Prediction
- 436. Morphological Galaxy Classification
- 437. Predicting Helpfulness Ratings of Amazon Product Reviews
- 438. Predicting Course Completions For Online Courses
- 439. An Adaptive System For Standardized Test Preparation
- 440. Single Molecule Biophysics For Automated Data Processing
- 441. Understanding Comments Submitted to FCC on Net Neutrality
- 442. Direct Data-Driven Methods for Decision Making under Uncertainty
- 443. Classifying Legal Questions into Topic Areas Using
- 444. Predicting Hit Songs with MIDI Musical Features
- 445. Methods for Biological Data Curation
- 446. Classifying Forest Cover Type using Cartographic Features
- 447. Peer Lending Risk Predictors
- 448. Learning Distributed Representations of Phrases
- 449. Estimation Of Word Representations Using Recurrent Neural Networks And Its Application In Generating Business Fingerprints
- 450. Gender Identification by Voice

- 451. Applications Of To Predict Yelp Ratings
- 452. Methodology for Sparse Classification Learning Arrhythmia
- 453. Predicting March Madness
- 454. Net Neutrality Language Analysis
- 455. Characterizing Atrial Fibrillation Burden for Stroke Prevention
- 456. Predict Seizures in Intracranial EEG Recordings
- 457. Automated Music Track Generation
- 458. Characterizing Overlapping Galaxies
- 459. Understanding Player Positions in the NBA
- 460. Cross-Domain Product Classification with Deep Learning
- 461. Predicting Heart Attacks
- 462. Prediction of Bike Sharing Demand for Casual and Registered Users
- 463. Classification Of Arrhythmia Using ECG Data
- 464. What Can You Learn From Accelerometer Data
- 465. Speaker Recognition for Multi-Source Single-Channel Recordings
- 466. Prediction of consumer credit risk
- 467. for Network Intrusion Detection
- 468. Predicting Paper Counts in the Biological Sciences
- 469. Prediction of Price Increase for MTG Cards
- 470. Twitter Classification into the Amazon Browse Node Hierarchy
- 471. Determining Mood From Facial Expressions
- 472. Visualizing Personalized Cancer Risk Prediction
- 473. Predicting the Total Number of Points Scored in NFL Games
- 474. Short-Term Power Forecasting Of Solar PV Systems Using Techniques
- 475. Star-Galaxy Separation in the Era of Precision Cosmology
- 476. Artist Attribution via Song Lyrics
- 477. Accelerometer Gesture Recognition
- 478. Arrhythmia Classification for Heart Attack Prediction
- 479. #ML#NLP-Autonomous Tagging Of Stack Overflow Posts
- 480. Scheduling Tasks Under Constraints
- 481. Classification Of Beatles Authorship
- 482. Classification of Accents of English Speakers by Native Language
- 483. Exposing commercial value in social networks matching online communities and businesses
- 484. Hacking the genome
- 485. How Hot Will It Get Modeling Scientific Discourse About Literature
- 486. Permeability Prediction of 3-D Binary Segmented Images Using Neural Networks
- 487. Automated Identification of Artist Given Unknown Paintings and Quantification of Artistic Style
- 488. Predicting Lecture Video Complexity
- 489. Result Prediction of Wikipedia Administrator Elections based on Network Features
- 490. Predicting The Treatment Status
- 491. Error Detection based on neural signals
- 492. Speech Similarity
- 493. Data-Driven Modeling and Control of an Autonomous Race Car

- 494. Predicting the Diagnosis of Type 2 Diabetes Using Electronic Medical Records
- 495. A Novel Approach to Predicting the Results of NBA Matches
- 496. Automatically Generating Musical Playlists
- 497. Solar Flare Prediction
- 498. Application of techniques for well pad identification in the Bakken oil field
- 499. Anomaly Detection in Bitcoin Network Using Unsupervised Learning Methods
- 500. Two-step Semi-supervised Approach for Music Structural Classification
- 501. Domain-specific sentiment analysis using cross-domain data
- 502. Instrumental Solo Generator
- 503. Cross-Domain Text Understanding in Online SocialData
- 504. From Paragraphs to Vectors and Back Again
- 505. handwriting recognition
- 506. Chemical Identification with Chemical Sensor Arrays
- 507. Genre Classification Using Graph Representations of Music
- 508. Collaborative Filtering Recommender Systems
- 509. Detecting The Direction Of Sound With A Compact Microphone Array
- 510. Finding Undervalued Stocks
- 511. Multilevel Local Search Algorithms for Modularity Clustering
- 512. Automated Detection and Classification of Cardiac Arrhythmias
- 513. Predicting Kidney Cancer Survival From Genomic Data
- 514. Multiclass Sentiment Analysis of Movie Reviews
- 515. Classification and Regression Approaches to Predicting US Senate Elections
- 516. Learning from Quantified Self-Data
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- 523. Analyzing Positional Play in Chess Using
- 524. Yelp Restaurants' Open Hours
- 525. Identifying Arrhythmia from Electrocardiogram Data
- 526. Diagnosing and Segmenting Brain Tumors and Phenotypes using MRI Scans M
- 527. chine Learning
- 528. Exploring the Genetic Basis of Congenital Heart Defects
- 529. Attribution of Contested and Anonymous Ancient Greek Works
- 530. Object Detection for Semantic SLAM using Convolutional Neural Networks
- 531. Sentiment as a Predictor of Wikipedia Editor Activity
- 532. Blowing Up The Twittersphere- Predicting the Optimal Time to Tweet
- 533. Evergreen Classification_ Exploring New Features
- 534. Detecting Lane Departures Using Weak Visual Features
- 535. Re-clustering of Constellations through

- 536. Application of Neural Network In Handwriting Recognition
- 537. Recognition and Classification of Fast Food Images
- 538. Reduced Order Greenhouse Gas Flaring Estimation
- 539. Blood Pressure Detection from PPG
- 540. Predicting Low Voltage Events on Rural Micro-Grids in Tanzania
- 541. Amazon Employee Access Control System_Updated_Version
- 542. Prediction Onset Epileptic
- 543. Evaluating Pinch Quality of Underactuated Robotic Hands
- 544. Reinforcement Learning With Deeping Learning in Pacman
- 545. Language identification and accent variation detection in spoken language recordings
- 546. Enhancing Cortana User Experience Using
- 547. Who Matters
- 548. Predicting Heart Attacks
- 549. Predicting Seizures in Intracranial EEG Recordings
- 550. structural Health Monitoring in Extreme Events from Perspective
- 551. Online Kernel Learning for Active Sensor Networks
- 552. ECommerce Sales Prediction Using Listing Keywords
- 553. Review Scheduling for Maximum Long-Term Retention of Knowledge
- 554. Adaptive Spaced Repetition
- 555. Do a Barrel Roll
- 556. Oil Field Production using
- 557. Predicting Success for Musical Artists through Network and Quantitative Data
- 558. Better Models for Prediction of Bond Prices
- 559. Classifying the Brain 27s Motor Activity via Deep Learning
- 560. Prediction of Bike Rentals
- 561. Classification of Alzheimer's Disease Based on White Matter Attributes
- 562. MoralMachines- Developing a Crowdsourced Moral Framework for Autonomous Vehicle Decisions
- 563. Context-Specific Sequence Preference Of DNA Binding Proteins
- 564. Predicting Reddit Post Popularity Vialnitial Commentary
- 565. for Continuous Human Action Recognition
- 566. Predicting Pace Based on Previous Training Runs
- 567. Probabilistic Driving Models and Lane Change Prediction
- 568. Multiple Sensor Indoor Mapping Using a Mobile Robot
- 569. Bone Segmentation MRI Scans
- 570. Recorder Anticipating Music Motifs In Real Time
- 571. Prediction and Classification of Cardiac Arrhythmia
- 572. Predicting DJIA Movements from the Fluctuation of a Subset of Stocks
- 573. Sentiment Analysis for Hotel Reviews
- 574. Mood Detection with Tweets
- 575. Comparison of Techniques for Magnetic Resonance Image Analysis
- 576. Object Recognition in Images
- 577. 3D Scene Retrieval from Text
- 578. Predicting Breast Cancer Survival Using Treatment and Patient Factors
- 579. Parking Occupancy Prediction and Pattern Analysis
- 580. Supervised DeepLearning For MultiClass Image Classification

- 581. User Behaviors Across Domains
- 582. Seizure forecasting
- 583. Stock Trend Prediction with Technical Indicators using SVM
- 584. Predicting Usefulness of Yelp Reviews
- 585. Multiclass Classifier Building with Amazon Data to Classify Customer Reviews into Product Categories
- 586. An Energy Efficient Seizure Prediction Algorithm
- 587. Classifier Comparisons On Credit Approval Prediction
- 588. Appliance-Based Model for Energy Consumption Segmentation
- 589. Phishing Detection System Using a
- 590. Self Driving car project using
- 591. OpenCV Python Neural Network Autonomous RC C
- 592. Stock prediction using sentimental analysis -
- 593. Illness Tracker | Final Year Project
- 594. neural network JAVA
- 595. Credit Card Fraud Detection Using Neural Network
- 596. Detecting Phishing Websites using Technique
- 597. Final Project: Classification of Neural Responses to Threat
- 598. A Computer-Aided Diagnosis System for Lung Cancer Detection using Machine
- 599. Prediction of Diabetes and cancer using SVM
- 600. Efficient Heart Disease Prediction System

With code

- 1. Instagram Reach Analysis and Prediction
- 2. Online Payments Fraud Detection
- 3. Waiter Tips Analysis & Prediction
- 4. Ukraine vs Russia Twitter Sentiment Analysis
- 5. Future Sales Prediction
- 6. Waiter Tips Analysis & Prediction
- 7. Stock Price Prediction
- 8. Flipkart Reviews Sentiment Analysis
- 9. Breast Cancer Survival Prediction
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- 35. Movie Rating Analysis for Beginners
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- 39. Worldwide Billionaires Analysis
- 40. <u>Unemployment Analysis</u>
- 41. Car Price Prediction Model
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- 43. Count Objects in Image
- 44. WhatsApp Chats Sentiment Analysis
- 45. WhatsApp Chats Analysis
- 46. Microsoft Stock Price Prediction
- 47. Covid-19 Vaccine Analysis
- 48. <u>Video Game Sales Prediction Model</u>
- 49.Student Grades Prediction Model
- 50. Saving a Machine Learning Model
- 51. <u>Uber Trips Analysis</u>
- 52. Google Search Analysis
- 53. Tesla Stock Price Prediction Model
- 54. Financial Budget Analysis
- 55. Click-Through Rate Prediction Model
- **56.** Interactive Language Translator

- 57. Language Detection
- 58.Create a Chatbot with Python
- 59. Best Streaming Service Analysis
- 60. Data Science Project on President Heights
- 61. Data Science Project on Birth Rate Analysis
- 62. Data Science Project on Time Series
- 63. <u>Data Science Project on Area and Population</u>
- 64. A Complete Machine Learning Project Walkthrough
- 65. Text Summarization
- 66.Keyword Extraction
- 67. Data Science Projects on Finance
- 68. Data Science Projects on Marketing
- 69. End to end Machine Learning Projects
- 70. Machine Learning Projects on Binary Classification
- 71. <u>Data Science Projects Based on Domains</u>

- 1. Sarcasm Detection
- 2. Social Media Followers Prediction
- 3. Amazon Product Reviews Sentiment Analysis
- 4. Hate Speech Detection

- 5. End-to-end Hate Speech Detection System
- 6. End-to-end Fake News Detection System
- 7. End-to-end Spam Detection System
- 8. Hotel Reviews Sentiment Analysis
- 9. Real-time Gender Detection System
- 10. <u>Dogecoin Price Prediction</u>
- 11. Google Play Store Sentiment Analysis
- 12. Amazon Alexa Reviews Sentiment Analysis
- 13. Social Media Ads Classification
- 14. Fake News Detection
- 15. End-to-End Machine Learning Model
- 16. Gender Detection
- 17. Sales Prediction
- 18. <u>Currency Exchange Rate Prediction</u>
- 19. End-to-end Machine Learning Project
- 20. Profit Prediction Model
- 21. <u>Automatic Time Series Forecasting</u>
- 22. Ted-Talks Recommendation System
- 23. Real-time Sentiment Analysis
- 24. Amazon Recommendation System
- 25. Mobile Price Classification
- 26. Spotify Recommendation System
- 27. Text Emotions Detection

- 28. Hotel Recommendation System
- 29. Bankruptcy Prediction Model
- 30. <u>Customer Personality Analysis</u>
- 31. <u>Instagram Algorithm</u>
- 32. <u>Diamond Price Prediction Model</u>
- 33. Book Recommendation System
- 34. Netflix Data Analysis
- 35. Satellite Imagery Analysis
- 36. Topic Modelling
- 37. Covid-19 Vaccine Sentiment Analysis
- 38. Human Activity Recognition Model
- 39. Cohort Analysis
- 40. End to end Machine Learning Project
- 41. <u>Life Expectancy Analysis</u>
- 42. Bitcoin Price Prediction
- 43. Human Resource Analysis
- 44. <u>Energy Consumption Prediction</u>
- 45.<u>LightGBM Model</u>
- 46. FastAl Model
- 47. House Price Prediction
- 48. Real-Time Face Mask Detection
- 49. Netflix Recommendation System
- 50. Named Entity Recognition

- 51. Number Plate Detection
- 52. IPL Analysis with Python
- 53. Gold Price Prediction
- 54.<u>Object Detection</u>
- 55. <u>Highest-Paid Athletes Analysis</u>
- **56.Text Generation**
- 57. Spelling Correction with Python
- 58.Income Classification
- 59. Customer Churn Prediction
- 60.Language Translation Model
- 61. Resume Screening
- 62. Sign Language Classification
- 63. Online Shopping Intention Analysis
- 64. Network Graph Analysis
- 65. Keyword Extraction
- 66. Amazon Best Selling Books Analysis
- 67. Covid-19 Cases Prediction for Next 30 Days
- 68. YouTube Trending Videos Analysis
- 69.Gender Classification
- 70. Flower Recognition
- 71. Pneumonia Detection
- 72. Employee Attrition Prediction
- 73. Hand Gesture Recognition

- 74. Face mask Detection
- 75. Market Basket Analysis using Apriori Algorithm
- 76. Breast Cancer Detection
- 77. Earthquake Prediction Model
- 78. Outlier Detection
- 79. Heart Disease Prediction
- 80. Plastic Users Analysis
- 81. <u>Landmark Detection</u>
- 82. Chatbot with Machine Learning
- 83. Next Word Prediction Model
- 84. Age and Gender Detection with Python
- 85. Autocorrect Keyboard with Python and Machine Learning.
- 86. Machine Learning in 5 lines of code.
- 87. Deepfake Detection with Machine Learning.
- 88. Predict US Elections with Python.
- 89. Fake Currency Detection with Machine Learning.
- 90. Predict Tinder Matches with Machine Learning.
- 91. Image Segmentation
- 92. Title Generator with Python.
- 93. Build Google Search Algorithm with Python.
- 94. Face Landmarks Detection
- 95. Pencil Sketch with Python.
- 96. OpenAl Gym in Machine Learning

97. Machine Translation Model

- 98. Covid 19 Analysis.
- 99. Build the TikTok Algorithm with Machine Learning.
- 100. Analyze ILP Matches.
- 101. <u>Barcode and QR code Reader with Python</u>
- 102. Extract Text From PDF with Python.
- 103. Predict IPL Winner 2020.
- 104. Predict Car Prices.
- 105. Analyze Call Records.
- 106. Create an API with Python.
- 107. Send Custom Emails with Python.
- 108. Colour Recognition with Machine Learning.
- 109. Create a 3D Video Animation.
- 110. Graph Algorithms in Machine Learning.
- 111. Image Features Extraction.
- 112. Rainfall Prediction with Machine Learning.
- 113. Classify Nationalities with Machine Learning.
- 114. Fraud Detection with Machine Learning.
- 115. Topic Modeling with Python
- 116. Named Entity Recognition
- 117. WhatsApp Group Chat Analysis
- 118. <u>Translate Languages Using Python</u>
- 119. Network Security Analysis

- 120. Bar Chart Race with Python
- 121. <u>Keyword Research with Python</u>
- 122. <u>Fashion Recommendation System</u>
- 123. Face Detection with Python
- 124. <u>Emotion Detection Model</u>
- 125. <u>Telegram Bot with Python</u>
- 126. <u>Handwriting Recognition</u>
- 127. <u>Visualize a Solar System with Python.</u>
- 128. <u>Hate Speech Detection Model</u>
- 129. <u>Build Instagram Filters with Python.</u>
- 130. Contact Tracing with Machine Learning
- 131. Deploy a Chatbot with Python into a Web Application
- 132. Summarize Text with Machine Learning
- 133. Language Classification with Machine Learning.
- 134. OTP Verification GUI with Python
- 135. Create an Audiobook with Python
- 136. <u>Titanic Survival Analysis</u>
- 137. <u>Image Recognition with PyTorch</u>
- 138. Gender Classification Model
- 139. <u>Daily Births Forecasting</u>
- 140. Binary Search Algorithm
- 141. Galaxy Classification with Machine Learning
- 142. Time Series with LSTM Model

143.	Image Classification with TensorFlow	
144.	Predict Weather with Machine Learning	
145.	Create a Package with Python	
146.	Computer Vision with Python	
147.	<u>Diamonds Analysis with Python</u>	
148.	<u>Text Classification with TensorFlow</u>	
149.	Ridge and Lasso Regression	
150.	Predict Fuel Efficiency	
151.	ABC Analysis with Python	
152.	RFM Analysis with Python	
153.	Build Neural Network with Python Code	
154.	Genetic Algorithm with Python	
155.	Predict Migration with Machine Learning	
156.	Analyze Healthcare Data	
157.	Data Science Project on Text and Annotations	
158.	<u>Data Science Project on — Handwritten Digits</u>	
159.	Data Science Project on- Support Vector Machines	
160.	<u>Data Science Project — Stock Price Prediction with Machine</u>	
<u>Learning</u>		
161.	<u>Data Science Project on — Classification of Text</u>	
162.	Data Science Project on-Extracting HOG Features	
163.	<u>Data Science Project on — Amazon Products Reviews</u>	
<u>Se</u>	entiment Analysis with Machine Learning	

- 164. <u>Data Science Project Email spam Detection with Machine</u>
 <u>Learning</u>
- 165. <u>Data Science Project Heart Disease Prediction with Machine Learning</u>
- 166. <u>Data Science Project Movie Recommendation System</u>
- 167. <u>Data Science Project Student Performance Analysis with</u>

 <u>Machine Learning</u>
- 168. <u>Data Science Project on FIFA Analysis with python</u>
- 169. Data science project Fake News Classification
- 170. <u>Data Science Project DNA Sequencing with Machine</u>
 <u>Learning</u>
- 171. <u>Data Science Project Book Recommendation System with</u>
 Machine Learning
- 172. <u>Data Science Project Bitcoin Price Prediction with Machine</u>
 <u>Learning</u>
- 173. Machine Learning Project Artificial Neural Networks
- 174. Algorithmic Trading Strategy with Machine Learning and

 Python
- 175. <u>Movie Reviews Sentiment Analysis Binary Classification with</u>

 <u>Machine Learning</u>
- 176. Data Science Project Supermarket Sales Analysis
- 177. <u>Data Science Project GDP Analysis</u>

178.	<u>Data Science Project — Predict Customer Churn with Python</u>	
and Machine Learning		
179.	<u>Data Science Project — San Francisco Crime Analysis</u>	
180.	Machine Learning Project — Human Activity Recognition using	
Smartphone Data		
181.	Credit Card Fraud Detection with Machine Learning	
182.	Weather Forecasting with Machine Learning	
183.	SMS Spam Detection with Machine Learning	
184.	Covid-19 Detection with Machine Learning and Al	
185.	Customer Segmentation with Machine Learning	
186.	Employee Turnover Prediction with Machine Learning	
187.	Predict Diabetes with Machine Learning	
188.	Image Classification with PyTorch	
189.	Time Series Forecasting with ARIMA Model	
190.	Natural Language Processing on WhatsApp Chats	
191.	Fake News Detection Model	
192.	Image Classification with Artificial Neural Networks	
193.	Binary Classification Model	
194.	Data Augmentation with Deep Learning	
195.	Next Word Prediction Model.	
196.	Image Segmentation	
197.	XGBoost Algorithm in Machine Learning	
198.	Face Landmarks Detection	

199.	Image Filtering with Machine Learning
200.	Audio Feature Extraction
201.	Machine Translation Model
202.	Gender Classification Model
203.	Create a 3D Video with Python and Machine Learning.
204.	Named Entity Recognition
205.	WhatsApp Group Chat Analysis
206.	Translate Languages Using Python
207.	Covid-19 Projects with Machine Learning
208.	Deep Learning Projects with Machine Learning
209.	Recommendation System Projects with Machine Learning
210.	Sentiment Analysis Projects with Machine Learning
211.	Classification Projects For Machine Learning
212.	Regression Projects for Machine Learning
213.	Chatbot Projects with Python
214.	Machine Learning Projects on Future Prediction
215.	Machine Learning Projects for Resume
216.	Best Data Science Projects for Resume
217.	Machine Learning Projects on Social Media Analysis

Source:

Aman Kharwal

https://medium.com/coders-camp/230-machine-learning-projects-with-pyth on-5d0c7abf8265

Machine Learning, MLOps & GenerativeAl Roadmap

https://god-level-python.notion.site/Build-a-Strong-Machine-Learning-Portfolio-Personal-Brand-Get-Tons-of-Job-Offers-in-12-Weeks-Live-b3c98407b4ab45819811db081ae9d102?pvs=4

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- Lifetime access to recordings
- Resume Building

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- Placement Support (Referrals)

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Share your requirements with me at **connect@himanshuramchandani.co** I will customize the roadmap for you.

Session Structure →

- 1. Topic Understanding
- 2. Real-world examples
- 3. Implementation in Python
- 4. Interview questions on that topic
- 5. Questions to implement in programming
- 6. Reading one blog or reacting on the resource in the machine learning space
- 7. Study one company hiring in Machine Learning at a time, and analyze their products and services.
- 8. Discussion on How to be better?

About me (Your Mentor)



I am <u>Himanshu Ramchandani</u> a Data & Engineering Consultant. I help enterprises utilize big data to build Al-powered products & Mentor professionals to improve their skills in the data field by 1% every day.

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