**Topic / Research Paper: Cardiovascular Disease Prediction**

**Table: List of articles that cited the datasets in previous dataset file (EXAMPLE ROW - ROW 0)**

| No | Paper title | Journal / conference name | Published Year: Paper Link | Citation count | Paper Cited dataset No. x from Dataset Table 2 |
| --- | --- | --- | --- | --- | --- |
| 0 | A brief history of time: an example paper name |  | 2023: [Link](https://www.ieee.org/) | 1206 | 0, 5 and 6 |
| 1 | Cardiovascular disease prediction using deep learning techniques | IOP Conference Series: Materials Science and Engineering, Volume 981, International Conference on Recent Advancements in Engineering and Management | 2020: [Link](https://iopscience.iop.org/article/10.1088/1757-899X/981/2/022006/meta) | 43 | 1 |
| 2 | Heart disease prediction using machine learning techniques | IOP Conference Series: Materials Science and Engineering, Volume 1022, 1st International Conference on Computational Research and Data Analytics. | 2020: [Link](https://iopscience.iop.org/article/10.1088/1757-899X/1022/1/012046/meta) | 41 | 1 |
| 3 | Machine Learning Techniques For Heart Disease Prediction | INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 8 | 2019: [Link](https://www.researchgate.net/profile/Sundareswar-Pullela/publication/344457509_Machine_Learning_Techniques_For_Heart_Disease_Prediction/links/5f781c25299bf1b53e099904/Machine-Learning-Techniques-For-Heart-Disease-Prediction.pdf) | 57 | 2 |
| 4 | Predicting coronary artery disease: a comparison between two data mining algorithms | BMC Public Health | 2019: [Link](https://bmcpublichealth.biomedcentral.com/articles/10.1186/s12889-019-6721-5) | 88 | 2 |
| 5 | A comparison of three discrete methods for classification of heart disease data | Bangladesh Journal of Scientific and Industrial Research | 2015: [Link](https://www.semanticscholar.org/reader/c9478126d76c6f6481761c898eb432be3ade9ee5) | 19 | 2 |
| 6 | Heart Disease Diagnosis System Using Fuzzy Logic | International Conference on Software and Computer Applications | 2018: [Link](https://dl.acm.org/doi/abs/10.1145/3185089.3185118) | 17 | 2 |
| 7 | Heart Disease Detection by Using Machine Learning Algorithms and a Real-Time Cardiovascular Health Monitoring System | World Journal of Engineering and Technology | 2018: [Link](https://www.scirp.org/journal/paperinformation.aspx?paperid=88650) | 153 | 2 |
| 8 | Heart Disease Prediction using Feature Selection and Ensemble Learning Techniques | Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV) | 2021: [Link](https://ieeexplore.ieee.org/abstract/document/9388482) | 23 | 1 |
| 9 | Efficient Medical Diagnosis of Human Heart Diseases Using Machine Learning Techniques With and Without GridSearchCV | IEEE Access ( Volume: 10) | 2022: [Link](https://ieeexplore.ieee.org/abstract/document/9751602) | 50 | 1 |
| 10 | Machine Learning Algorithms for The Classification of Cardiovascular Disease- A Comparative Study | 2021 International Conference on Information Technology (ICIT) | 2021: [Link](https://ieeexplore.ieee.org/abstract/document/9491677) | 16 | 4 |
| 11 | Comparison of machine learning methods for the classification of cardiovascular disease | Informatics in Medicine Unlocked 24 | 2021: [Link](https://www.sciencedirect.com/science/article/pii/S2352914821000964) | 9 | 4 |
| 12 | Identification of Features in ANN's Black Box using Dimensional Reduction and Correlation Analysis: A Case Study of Cardiovascular Disease Dataset | 2021 International Conference on Advanced Mechatronics, Intelligent Manufacture and Industrial Automation (ICAMIMIA) | 2021: [Link](https://ieeexplore.ieee.org/abstract/document/9807803) | 1 | 4 |
| 13 | Comparison of Machine Learning Models in Prediction of Cardiovascular Disease Using Health Record Data | 2019 International Conference on Informatics, Multimedia, Cyber and Information System (ICIMCIS) | 2019: [Link](https://ieeexplore.ieee.org/abstract/document/8985205) | 26 | 4 |
| 14 | Application of Machine Learning for Cardiovascular Disease Risk Prediction | Hindawi, Computational Intelligence and Neuroscience  Volume 2023 | 2023: [Link](https://www.hindawi.com/journals/cin/2023/9418666/) | 15 | 4 |
| 15 | An ensemble method based multilayer dynamic system to predict cardiovascular disease using machine learning approach | Informatics in Medicine Unlocked 24 | 2021: [Link](https://pdf.sciencedirectassets.com/312075/1-s2.0-S2352914821X00032/1-s2.0-S2352914821000745/main.pdf?X-Amz-Security-Token=IQoJb3JpZ2luX2VjEH0aCXVzLWVhc3QtMSJHMEUCIGL0dPt7LPvzimnSY1%2B95bFr6bI3%2FQyt5HM8%2FLMhk9F5AiEAtSirnLgITdain1Dh%2BQeqgfPOSqzy9mapR6cV%2BdU0KhkqvAUI1v%2F%2F%2F%2F%2F%2F%2F%2F%2F%2FARAFGgwwNTkwMDM1NDY4NjUiDFQ2wJVT5UOmB%2Blq5SqQBXPw6pY3ZwcjeokHU7GJjRrXNqkXxpLXGlLppY%2FadjrOUD6O1lE9nfov%2B3S2pKmI0FDiHhonS5bbY6PSqAuGvvoOB8IbbdNhXrjsUnSX%2F%2BAEcROEQrhdXCGQP%2FsqGCfEX5tqSIXtfPB4HM6Gt3b6dMzuz3iVE6Q%2BUrsQfKgOiBN5NoESlQbZtcErvY%2B5xBJcqsRCdYEgqU1RXh6H0j7%2FzluM0ijlPxvT6f2lnn4TFalZTV35JalTQ0sA8dwCjx5l4iEO4HBCNhYHVhWzmp5w%2By%2BGMtIaItNQvGTfsbjKeCg0BU5YftbHz8j2as0tTeB58dElhv5qHWOsVzyDYJGowEEoiJ7fbsssMaeeWbW29bQM9cyQWJl7YtushyxhXBIc%2FhFglv89r26pPRCwfqbY%2B%2FYQRudghqBA1dIO0HmEdqGoqVUCF0KTDvfciwkusRr82o8shwPTP1VePlyRN4gks9sDhiUTIDc2w48ObcREkeBguJU4L8lTUPtH%2FWqqqPMAYGgTdKr6pL48vWW4CO4aI%2BZ0Gqz9YYl7iRmUR1Pi%2Fy86M8iZnAwA1Et5%2BwTGToz0rZp%2FjLxdMFI1GOGINpEjlRGCaIhBZluYWg%2FrA0bpehrEyJ2Fr%2B5WERMwdDPnnv%2FI%2BnIqA5CorQFHZJFy3ulPO4VsWr%2F9x%2FCrgBryCo7OkQ7V64zmORwAfwDBSj0YcwaukYJcxzVvNjbjJ332fjZAEdxUvdlgV0c9400hkJuTjJQ5%2B5CDfc1475x%2Brg5OC6967dFrL8zdlo0X9glOJ2AjoQ%2B%2BQwyeeUfdJEg1sDBUeM3Wmh6z1BXIvXCyGrvQJA0pbQO4Zb%2BEWvr9Tgi9vsDfTREe94%2BsNvET7DSqFL0Rr40yMJHnnKsGOrEBQJRc3jmRNkxshfkgGsn61GpArzB5WzCegvcJaJKF6CiFjsgBj4qoF%2By3dzhe20cwr%2FGMSBYf13WuV%2B0rbZFBYZOpyn2kqShEKucXJHO%2B8U5ws46UWhrCSZmEXPtAP7EUVAgT6O0dagBC6givZtK76IsCRirHTH%2F%2B56AevBOGX9obUrnv1aFhlfzliiNp%2F%2BpwvlXVH0K8%2B2F1E67WambKNlRGkqSfKA%2Bl4mBo7MBtnhfU&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Date=20231129T141247Z&X-Amz-SignedHeaders=host&X-Amz-Expires=300&X-Amz-Credential=ASIAQ3PHCVTYZ3CYP77V%2F20231129%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Signature=8d5c66690af33353a72bd8f914f94fbb648058b4237d3b67ea60c8ecd0b53763&hash=195d3b67339950e44e7fc96fcd3be952f6f05b025b7db3863354b2ca4a47c6bd&host=68042c943591013ac2b2430a89b270f6af2c76d8dfd086a07176afe7c76c2c61&pii=S2352914821000745&tid=spdf-d5cd85ef-a35a-4eda-a63d-090f2b1e8717&sid=87181e3a50768343af7a6cd96296db4eb8b4gxrqb&type=client&tsoh=d3d3LnNjaWVuY2VkaXJlY3QuY29t&ua=18025e550a0d55535a5400&rr=82db7295a9694e9d&cc=bd) | 24 | 4 |
| 16 | hyOPTXg: OPTUNA hyper-parameter optimization framework for predicting cardiovascular disease using XGBoost | Biomedical Signal Processing and Control, Volume 73 | 2021: [Link](https://www.sciencedirect.com/science/article/abs/pii/S1746809421010533) | 49 | 2 |
| 17 | Machine learning can predict survival of patients with heart failure from serum creatinine and ejection fraction alone | BMC Medical Informatics and Decision Making volume 20 | 2020: [Link](https://bmcmedinformdecismak.biomedcentral.com/articles/10.1186/s12911-020-1023-5#Sec8) | 420 | 5 |
| 18 | Analysis of performance metrics of heart failured patients using Python and machine learning algorithms | Global Transitions Proceedings, Volume 2, Issue 2 | 2021: [Link](https://www.sciencedirect.com/science/article/pii/S2666285X2100056X) | 18 | 5 |
| 19 | A CNN-based novel solution for determining the survival status of heart failure patients with clinical record data: numeric to image | Biomedical Signal Processing and Control, Volume 68 | 2021: [Link](https://www.sciencedirect.com/science/article/abs/pii/S174680942100313X) | 24 | 5 |
| 20 | Predicting Survival of Heart Failure Patients Using Classification Algorithms. | JITCE (Journal of Information Technology and Computer Engineering), 4(02), 90-94. | 2020: [Link](http://jitce.fti.unand.ac.id/index.php/JITCE/article/view/75) | 22 | 5 |
| 21 | Improving the Prediction of Heart Failure Patients’ Survival Using SMOTE and Effective Data Mining Techniques | IEEE Access ( Volume: 9) | 2021: [Link](https://ieeexplore.ieee.org/abstract/document/9370099) | 264 | 5 |
| 22 | A Comprehensive Investigation of the Performances of Different Machine Learning Classifiers with SMOTE-ENN Oversampling Technique and Hyperparameter Optimization for Imbalanced Heart Failure Dataset | Hindawi Scientific Programming | 2022: [Link](https://www.hindawi.com/journals/sp/2022/3649406/) | 33 | 5 |
| 23 | Enhanced Heart Failure Prediction Using Feature Selection-based Machine Learning Models | 2023 Advances in Science and Engineering Technology International Conferences (ASET) | 2023: [Link](https://ieeexplore.ieee.org/abstract/document/10180853) | unknown | 5 |
| 24 | Improving Classification Using SMOTE on  Imbalanced Heart Failure Data | J. Patuakhali Sci. & Tech. Uni | 2022: [Link](https://pstu.ac.bd/journal/public/storage/papers/1697175778_10.%20Nahary%20Jannath.pdf) | unknown | 5 |
| 25 | IoT Based Smart Monitoring of Patients’ with Acute Heart Failure | MDPI | 2022: [Link](https://www.mdpi.com/1424-8220/22/7/2431) | 29 | 5 |
| 26 | EVALUATION OF PERFORMANCE OF CLASSIFICATION ALGORITHMS IN PREDICTION OF HEART FAILURE DISEASE | Kahramanmaras Sutcu Imam University Journal of Engineering Sciences | 2022: [Link](http://jes.ksu.edu.tr/en/download/article-file/2541365) | Unknown | 6 |
| 27 | Prediction of Mortality from Heart Failure using Machine Learning | 2nd International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET) | 2022: [Link](https://ieeexplore.ieee.org/abstract/document/9848348) | 19 | 6 |
| 28 | Early heart disease prediction using ensemble learning techniques | Journal of Physics: Conference Series, Volume 2325, International Conference on Electronic Circuits and Signalling Technologies | 2022: [Link](https://iopscience.iop.org/article/10.1088/1742-6596/2325/1/012051/meta) | 4 | 2 |
| 29 | Development and Deployment of a Machine Learning Model for Automatic Heart Failure Prediction | Asian Conference on Innovation in Technology (ASIANCON) | 2021: [Link](https://ieeexplore.ieee.org/abstract/document/9544787) | 8 | 6 |
| 30 | COMPARISON OF ACCURACY PERFORMANCE K-NEAREST NEIGHBOR ALGORITHM AND SUPPORT VECTOR MACHINE FOR PREDICTING DEATH IN CONGESTIVE HEART FAILURE | JURNAL INFOKUM,Volume 10 | 2022: [Link](http://infor.seaninstitute.org/index.php/infokum/article/view/882) | Unknown | 6 |
| 31 | The Efficacy of Machine-Learning-Supported Smart System for Heart Disease Prediction | MDPI | 2022: [Link](https://www.mdpi.com/2227-9032/10/6/1137) | 27 | 2 |
| 32 | Heart Disease Prediction Using Machine Learning | SpringerLink: FICTA | 2023: [Link](https://link.springer.com/chapter/10.1007/978-981-19-7513-4_24) | 1 | 7 |
| 33 | A SUPPORT VECTOR MACHINE BASED HEART  DISEASE PREDICTION | JOURNAL OF SOFTWARE ENGINEERING & INTELLIGENT SYSTEMS | 2019: [Link](https://d1wqtxts1xzle7.cloudfront.net/62066239/V4N3-120200211-79845-vysd88-libre.pdf?1581442429=&response-content-disposition=inline%3B+filename%3DA_SUPPORT_VECTOR_MACHINE_BASED_HEART_DIS.pdf&Expires=1701282439&Signature=cp31mUbnxREFJOoYH-SIIBfzWffOhcoGoNJFo80W9H4OSDguICOXsDRGJTTohR4UvpJjJ5gLgeSGE-7m1-zaQMIsbKKbyEMuQcndiKRHEUPHy2nukU-dUWojiCXdT1wySXBiqArZRVpBMTHcbhM02oq-u~Kt3ESQGJk-YF2Cq5Zvwnv09DqKPNQb8knXGI8Y1KBwbw3wXC-rina1a~hBwZigHyGNnyKQ1nslxi4Yx6FmkSiwd5HdfGH8azEAKGRG8TaEBdKxeUWH7lYMqLDleFUQhUe8KSdCmS0sl6R-Rl0LziCLke4FNZPouQto1OM4pFFldKKbuQwP3x9oYEQxYw__&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA) | 7 | 7 |
| 34 | Implementation of Machine Learning Model to Predict Heart Failure Disease | International Journal of Advanced Computer Science and Applications | 2019: [Link](https://www.semanticscholar.org/paper/Implementation-of-Machine-Learning-Model-to-Predict-Alotaibi/a74fd8c51251e8c6126a1527e545bd78860a10f9?p2df) | 184 | 6 |
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| 37 | WoM-based deep BiLSTM: smart disease prediction model using WoM-based deep BiLSTM classifier | SpringerLink | 2023: [Link](https://link.springer.com/article/10.1007/s11042-023-14336-x) | 4 | 3 |
| 38 | A cross-validation of risk-scores for coronary heart disease mortality based on data from the Glostrup Population Studies and Framingham Heart Study | International Journal of Epidemiology, Volume 31 | 2022: [Link](https://academic.oup.com/ije/article/31/4/817/630270) | 302 | 12 |
| 39 | The Framingham Heart Study and the Epidemiology of  Cardiovascular Diseases: A Historical Perspective | NIH Public Access | 2014: [Link](https://emacromall.com/reference/Framingham%20Heart%20Study.pdf) | 70 | 12 |
| 40 | Predicting the 30-Year Risk of Cardiovascular Disease | Circulation | 2009: [Link](https://www.ahajournals.org/doi/full/10.1161/CIRCULATIONAHA.108.816694) | 1061 | 12 |
| 41 | Trends in acute myocardial infarction coronary heart disease death in the United States | Journal of the American College of Cardiology | 1994:[Link:](https://www.sciencedirect.com/science/article/pii/0735109794903670) | 233 | 9 |
| 42 | Application of data mining techniques for early detection of heart diseases using Framingham heart study dataset | International Journal of Biomedical Engineering and TechnologyVol. 38 | 2020: [Link](https://www.inderscienceonline.com/doi/abs/10.1504/IJBET.2022.123149) | 3 | 12 |
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| 46 | Prediction of Heart Disease Using Machine Learning Algorithms | International Journal of Advanced Engineering, Management and Science (IJAEMS) | 2016:[Link:](https://d1wqtxts1xzle7.cloudfront.net/46821906/11_Prediction_of_Heart_Disease_Using_Machine_Learning_Algorithms-libre.pdf?1467013098=&response-content-disposition=inline%3B+filename%3DPrediction_of_Heart_Disease_Using_Machin.pdf&Expires=1701615040&Signature=ToDoZFLUiDwLOvZmnY-Lg7lS6yfeY3DwuMovnDP2S2z8yn~kwqFySVU~p-DhUzV2Slh~bugJJx34gCjBCD7tYvNSTEpu6bEPHJcSB4-oROqdTtlMhw3Q8CyfROPpT76h3AcPcaSzbzDeLmieTHhl6uQhZaLEbYtvCYkuTYvVHTFwc8U7ATYXdI8mnAGShK2Bw68m4BPiqokRadA2coIJEVQ0FE7fGsSfXvegUf-RFVIEGtbv7s9a5MnC7aJcLhNRebQJxRWYSL2XEB-VaqIFgmCIPiupIJO0q-PcvMiasEhxifj8EO~YEGIMg4mZIetIXvJ6GUpqVNmycSpL7veBpw__&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA) | 47 | 15 |
| 47 | A Hybrid Intelligent System Framework for the Prediction of Heart Disease Using Machine Learning Algorithms | Wearable Technology and Mobile Applications for Healthcare | 2018:[Link:](https://www.hindawi.com/journals/misy/2018/3860146/) | 337 | 15 |
| 48 | Effective Heart Disease Prediction Using Hybrid Machine Learning Techniques | IEEE | 2023:[Link:](https://ieeexplore.ieee.org/abstract/document/8740989) | 719 | 15 |
| 49 | Relation of Corneal Arcus to Cardiovascular Disease (from the Framingham Heart Study Data Set)  Author links open overlay panel | The American Journal of Cardiology | 2009:[Link:](https://www.sciencedirect.com/science/article/abs/pii/S0002914908014434) | 25 | 13 |
| 50 | The Framingham Heart Study: past, present and future | International Journal of Epidemiology | 2015:[Link:](https://academic.oup.com/ije/article/44/6/1763/2572648) | 21 | 13 |
| 51 | Coronary heart disease risk factors in school children: The Muscatine study | The Journal of Pediatrics | 1975:[Link:](https://www.sciencedirect.com/science/article/abs/pii/S0022347675803532) | 340 | 16 |
| 52 | Evidence that triglycerides are an independent coronary heart disease risk factor | The American Journal of Cardiology | 2000:[Link:](https://www.sciencedirect.com/science/article/abs/pii/S0002914900011279) | 377 | 16 |
| 53 | Emergency Duties and Deaths from Heart Disease among Firefighters in the United States | The NEW ENGLAND JOURNAL of MEDICINE | 2007:[Link:](https://www.nejm.org/doi/full/10.1056/NEJMoa060357) | 385 | 8 |
| 54 | Feature Analysis of Coronary Artery Heart Disease Data Sets | Procedia Computer Science | 2015:[Link](https://www.sciencedirect.com/science/article/pii/S1877050915029622) | 111 | 14 |