













- [8] Andina-Agencia Peruana de Noticias, Consumo de alcohol y drogas son características comunes de delincuentes juveniles, <https://andina.pe/agencia/noticia-consumo-alcohol-y-drogas-son-caracteristicas-comunes-delincentes-juveniles-690752.aspx> consultado el 24 de septiembre de 2018.
- [9] Diario el Comercio, Cedro: Delincuencia es joven en el Perú por drogas y alcohol, <https://elcomercio.pe/lima/cedro-delincuencia-joven-peru-drogas-alcohol-295157> consultado el 23 de septiembre de 2018.
- [10] Diario La República, Más de 85 mil presos son censados en todo el país, <https://larepublica.pe/sociedad/1133260-mas-de-85-mil-presos-son-censados-en-todo-el-pais> consultado el 23 de septiembre de 2018.
- [11] Babakura, A., Sulaiman, M. and Yusuf, M. (2014). Improved method of classification algorithms for crime prediction. 2014 International Symposium on Biometrics and Security Technologies (ISBAST).
- [12] Kiani, Rasoul, S. Mahdavi and Amin Keshavarzi. "Analysis and Prediction of Crimes by Clustering and Classification." (2015).
- [13] Li, T. (2016). Criminal Behavior Analysis Method Based on Data Mining Technology. 2016 International Conference on Smart City and Systems Engineering (ICSCSE).
- [14] Vineeth, K., Pandey, A. and Pradhan, T. (2016). A novel approach for intelligent crime pattern discovery and prediction. 2016 International Conference on Advanced Communication Control and Computing Technologies (ICACCCT).
- [15] Mahmud, N., Zinnah, K., Rahman, Y. and Ahmed, N. (2016). Crimecast: A crime prediction and strategy direction service. 2016 19th International Conference on Computer and Information Technology (ICCIT).
- [16] Shamsuddin, N., Ali, N. and Alwee, R. (2017). An overview on crime prediction methods. 2017 6th ICT International Student Project Conference (ICT-ISPC).
- [17] Saltos, Ginger, and Mihaela Cocea. 2017. "An Exploration Of Crime Prediction Using Data Mining On Open Data". International Journal Of Information Technology & Decision Making 16 (05): 1155-1181. doi:10.1142/s0219622017500250.
- [18] Yadav, S., Timbadia, M., Yadav, A., Vishwakarma, R. and Yadav, N. (2017). Crime pattern detection, analysis & prediction. 2017 International conference of Electronics, Communication and Aerospace Technology (ICECA).
- [19] Baloian, N., Bassaletti, C., Fernandez, M., Figueroa, O., Fuentes, P., Manasevich, R., Orchard, M., Penafiel, S., Pino, J. and Vergara, M. (2017). Crime prediction using patterns and context. 2017 IEEE 21st International Conference on Computer Supported Cooperative Work in Design (CSCWD).
- [20] Almaguer A., Kadam K. (2018). Survey Paper on Crime Prediction using Ensemble Approach. 118, 8. pp 133-139.
- [21] Instituto Nacional de Estadística e Informática (INEI), Perú - Censo Nacional de Población Penitenciaria 2016. [https://www.inei.gob.pe/media/MenuRecursivo/publicaciones\\_digitales/Est/Lib1364/libro.pdf](https://www.inei.gob.pe/media/MenuRecursivo/publicaciones_digitales/Est/Lib1364/libro.pdf) consultado el 22 de octubre de 2018.
- [22] Calderon H., Wun W. and Miranda R. (2017). Simulation of Suicide Tendency by Using Machine Learning. (IEEE). doi: 10.1109/SCCC.2017.8405128.
- [23] Calderon-Vilca, H., Callupe, K., Aliaga, R., Cuba, J. and Mariño-Cárdenas, F. (2019). Early Cardiac Disease Detection Using Neural Networks. 7th International Engineering, Sciences and Technology Conference (IESTEC), Panama, 2019, pp. 562-567. DOI: 10.1109/IESTEC46403.2019.00106.
- [24] Silva-Fuentes, M., Calderon-Vilca H., Calderon-Vilca, E. and Cárdenas-Mariño, F. (2019). Semantic Search System using Word Embeddings for query expansion. IEEE PES Innovative Smart Grid Technologies Conference - Latin America (ISGT Latin America), Gramado, Brazil, pp. 1-6. doi: 10.1109/ISGT-LA.2019.8894992.
- [25] Calderon-Vilca, H., Ocrospoma-Callupe, E., Cárdenas-Mariño, F. and Calderon-Vilca, E. (2019). Architecture and mobile application with augmented reality, visualizing videos and 3d objects in museums. IEEE CHILEAN Conference on Electrical, Electronics Engineering, Information and Communication Technologies (CHILECON), Valparaiso, Chile, pp. 1-5. doi: 10.1109/CHILECON47746.2019.8988088.
- [26] Serquen-Llallire, C., Calderon-Vilca, H. and Cardenas-Mariño, F. (2018). Comparison of two Algorithms for Routing Questions and Answers, Applied to Group of Students Software Engineering. IEEE Latin American Conference on Computational Intelligence (LA-CCI), Guadalajara, Mexico, 2018, pp. 1-6. doi: 10.1109/LA-CCI.2018.8625262.
- [27] Calderon-Vilca, H., Ortega L. and Cardenas-Mariño, F. (2020). Tuberculosis Detection Architecture with Image Processing using the SIFT and K-Means Algorithm, Journal Computación y Sistemas, Vol. 24, N° 3, 2020, pp. 989-997. doi: 10.13053/CyS-24-3-3120.
- [28] Calderon-Vilca, H., Chavez, N. and Guimarey, J. (2020). Recommendation of Videogames with Fuzzy Logic. 27th Conference of Open Innovations Association (FRUCT), Trento, Italy, pp. 27-37, doi: 10.23919/FRUCT49677.2020.9211082.
- [29] Rojas, J., Calderón Vilca, H., Tumi Figueroa, E., Ramos, K., Matos, S., & Calderón-Vilca, H. (2021). Hybrid model of convolutional neural network and support vector machine to classify basal cell carcinoma. *Computacion y Sistemas*, 25(1), 83-95. doi:10.13053/CYS-25-1-3431.