REFERENCES

[1]   B. Gerrard, "Sport Management Review," *Sport Management Review*, vol. 17, no. 2, pp. 240–241, Apr. 2014, doi: 10.1016/j.smr.2013.06.005.

[2]   "Sports Analytics Market by Solutions & Services - 2024| MarketsandMarkets." https://www.marketsandmarkets.com/Market-Reports/sports-analytics-market-35276513.html (accessed Feb. 11, 2022).

[3]   V. C. Pantzalis and C. Tjortjis, "Sports Analytics for Football League Table and Player Performance Prediction," in *11th International Conference on Information, Intelligence, Systems and Applications, IISA 2020*, Jul. 2020. doi: 10.1109/IISA50023.2020.9284352.

[4]   C. Soto Valero, "Predicting win-loss outcomes in MLB regular season games-a comparative study using data mining methods," *Int J Comput Sci Sport*, vol. 15, no. 2, pp. 91–112, 2016, doi: 10.1515/ijcss-2016-0007.

[5]   N. A. Rahmad, M. A. As'ari, M. F. Ibrahim, N. A. J. Sufri, and K. Rangasamy, "Vision Based Automated Badminton Action Recognition Using the New Local Convolutional Neural Network Extractor," in *Lecture Notes in Bioengineering*, Springer, 2020, pp. 290–298. doi: 10.1007/978-981-15-3270-2_30.

[6]   K. Apostolou and C. Tjortjis, "Sports Analytics algorithms for performance prediction," in *2019 10th International Conference on Information, Intelligence, Systems and Applications (IISA)*, 2019, pp. 1–4. doi: 10.1109/IISA.2019.8900754.

[7]   Y. M. Özgüven, U. Gönener, Y. Melih¨ozgüven, M. Melih¨ozgüven, and S. Eken, "A Dockerized Big Data Architecture for Sports Analytics," 2021, doi: 10.21203/rs.3.rs-524005/v1.

[8]   K. Rohrer *et al.*, "Developing State-Based Recommendation Systems for Golf Training," in *2020 Systems and Information Engineering Design Symposium (SIEDS)*, 2020. doi: 10.1109/SIEDS49339.2020.9106646.

[9]   V. Sarlis, V. Chatziilias, C. Tjortjis, and D. Mandalidis, "A Data Science approach analysing the Impact of Injuries on Basketball Player and Team Performance," *Inf Syst*, vol. 99, Jul. 2021, doi: 10.1016/j.is.2021.101750.

[10]   "A Guide to Video Analytics: Applications and Opportunities | Tryolabs." https://tryolabs.com/guides/video-analytics-guide (accessed Mar. 10, 2022).

[11]   J. Redmon, S. Divvala, R. Girshick, and A. Farhadi, "You Only Look Once: Unified, Real-Time Object Detection." [Online]. Available: http://pjreddie.com/yolo/

[12] "Tracker Video Analysis and Modeling Tool for Physics Education." https://physlets.org/tracker/ (accessed Oct. 07, 2022).

[13] "Performance profiling: an essential tool for aspiring athletes." https://www.sportsperformancebulletin.com/endurance-psychology/psychological-aides/performance-profiling-essential-tool-aspiring-athletes/ (accessed Feb. 28, 2022).

[14] J. Newman and M. Crespo, "Performance Profiling in Tennis," *ITF Coaching and Sport Science Review*, no. 44, pp. 12–16, 2008.

[15] M. Phomsoupha and G. Laffaye, "The Science of Badminton: Game Characteristics, Anthropometry, Physiology, Visual Fitness and Biomechanics," *Sports Medicine*, vol. 45, no. 4. Springer International Publishing, pp. 473–495, Apr. 01, 2015. doi: 10.1007/s40279-014-0287-2.

[16] "The Laws of Badminton - Badminton BC." https://www.badmintonbc.com/page/2888/The-Laws-of-Badminton (accessed Feb. 23, 2022).

[17] J. Wu, Z. Guo, Z. Wang, Q. Xu, and Y. Wu, "Visual Analytics of Multivariate Event Sequence Data in Racquet Sports," in *Proceedings - 2020 IEEE Conference on Visual Analytics Science and Technology, VAST 2020*, Oct. 2020, pp. 36–47. doi: 10.1109/VAST50239.2020.00009.

[18] S. Yang, L. Luo, and B. Tan, "Research on Sports Performance Prediction Based on BP Neural Network," *Mobile Information Systems*, vol. 2021, 2021, doi: 10.1155/2021/5578871.

[19] F. Zhang, Y. Huang, and W. Ren, "Basketball Sports Injury Prediction Model Based on the Grey Theory Neural Network," *J Healthc Eng*, vol. 2021, 2021, doi: 10.1155/2021/1653093.

[20] "How video analysis helped take Lincoln City to the top of the league and in reaching distance of FA Cup history | The Independent | The Independent." https://www.independent.co.uk/sport/football/fa-league-cups/how-lincoln-city-s-revolutionary-approach-to-video-analysis-took-them-to-the-top-of-the-league-and-on-the-verge-of-fa-cup-history-a7586026.html (accessed Feb. 11, 2022).

[21] "Splunk .Conf2017: Oakland A's Billy Beane Says Data Analytics Has Transformed Baseball | BizTech Magazine." https://biztechmagazine.com/article/2017/09/splunk-conf2017-oakland-billy-beane-says-data-analytics-has-transformed-baseball (accessed Feb. 11, 2022).

[22] "Importance of Profiling in Sport | Athlete Assessments." https://www.athleteassessments.com/importance-profiling-in-sport/ (accessed Feb. 20, 2022).

[23] M. R. A. Rahim, B. Singh, N. M. Abdullah, V. Parnabas, N. Sulaiman, and R. Adnan, "Performance Profiling of Malaysian Junior Tennis Players," in *Proceedings of the Colloquium on Administrative Science and Technology*, 2015, pp. 215–226. doi: 10.1007/978-981-4585-45-3.

[24] M. Rogers, A. J. Crozier, N. K. Schranz, R. G. Eston, and G. R. Tomkinson, "Player Profiling and Monitoring in Basketball: A Delphi Study of the Most Important Non-Game Performance Indicators from the Perspective of Elite Athlete Coaches," *Sports Medicine*, 2021, doi: 10.1007/s40279-021-01584-w.

[25] S. M. Ostojić, "Correlates of Succes in Basketball: Physiological Profiling of Elite Players," in *5th International Scientific Conference on Kinesiology* , 2008, pp. 419–422.

[26] H. J., "Physiological Profiles of Elite Badminton Players: Aspects of Age and Gender".

[27] W. S. Noble, "What is a support vector machine?," 2006. Accessed: Jan. 20, 2023. [Online]. Available: https://www.nature.com/articles/nbt1206-1565

[28] A. Patle and D. S. Chouhan, "SVM kernel functions for classification," *2013 International Conference on Advances in Technology and Engineering, ICATE 2013*, 2013, doi: 10.1109/ICADTE.2013.6524743.

[29] "Support Vector Machines(SVM) — An Overview | by Rushikesh Pupale | Towards Data Science." https://towardsdatascience.com/https-medium-com-pupalerushikesh-svm-f4b42800e989 (accessed Mar. 11, 2022).

[30] "Lecture 9: SVM." https://www.cs.cornell.edu/courses/cs4780/2018fa/lectures/lecturenote09.html (accessed Jan. 21, 2023).

[31] "Major Kernel Functions in Support Vector Machine (SVM) - GeeksforGeeks." https://www.geeksforgeeks.org/major-kernel-functions-in-support-vector-machine-svm/ (accessed Mar. 11, 2022).

[32] M. Awad and R. Khanna, *Efficient Learning Machines: Theories, Concepts, and Applications for Engineers and System Designers*. Apress Media, 2015.

[33] S. Ren, X. Cao, Y. Wei, and J. Sun, "Global Refinement of Random Forest."

[34] T. M. Kodinariya and P. R. Makwana, "Review on determining number of Cluster in K-Means Clustering," *International Journal of Advance Research in Computer Science and Management Studies*, vol. 1, no. 6, 2013, [Online]. Available: www.ijarcsms.com

[35] D. Deepa, A. Sivasangari, R. Vignesh, N. Priyanka, J. C. Antony, and V. GowriManohari, "Segmentation of Shopping Mall Customers Using Clustering," in *Data Intelligence and Cognitive Informatics*, 2022, p. 626.

[36] "Understanding the concept of Hierarchical clustering Technique | by Chaitanya Reddy Patlolla | Towards Data Science." https://towardsdatascience.com/understanding-the-concept-of-hierarchical-clustering-technique-c6e8243758ec (accessed Apr. 22, 2022).

[37] "Hierarchical Clustering | Hierarchical Clustering Python." https://www.analyticsvidhya.com/blog/2019/05/beginners-guide-hierarchical-clustering/ (accessed Apr. 22, 2022).

[38] "Correlation - Statistical Techniques, Rating Scales, Correlation Coefficients, and More - Creative Research Systems." https://www.surveysystem.com/correlation.htm (accessed Feb. 24, 2022).

[39] "Correlation (Pearson, Kendall, Spearman) - Statistics Solutions." https://www.statisticssolutions.com/free-resources/directory-of-statistical-analyses/correlation-pearson-kendall-spearman/ (accessed Feb. 25, 2022).

[40] "Introduction to Correlation Analysis in Exploratory | by Kan Nishida | learn data science." https://blog.exploratory.io/find-correlation-or-similarity-among-categories-or-variables-4813130f53c0 (accessed Feb. 24, 2022).

[41] "YOLO: Real-Time Object Detection." https://pjreddie.com/darknet/yolo/ (accessed Apr. 07, 2022).

[42] J. Redmon and A. Farhadi, "YOLO9000: Better, Faster, Stronger," Dec. 2016, [Online]. Available: http://arxiv.org/abs/1612.08242

[43] J. Redmon and A. Farhadi, "YOLOv3: An Incremental Improvement," Apr. 2018, [Online]. Available: http://arxiv.org/abs/1804.02767

[44] A. Bochkovskiy, C.-Y. Wang, and H.-Y. M. Liao, "YOLOv4: Optimal Speed and Accuracy of Object Detection," Apr. 2020, [Online]. Available: http://arxiv.org/abs/2004.10934

[45] U. Nepal and H. Eslamiat, "Comparing YOLOv3, YOLOv4 and YOLOv5 for Autonomous Landing Spot Detection in Faulty UAVs," *Sensors*, vol. 22, no. 2, Jan. 2022, doi: 10.3390/s22020464.

[46] H. Rhys, *Machine Learning with R, the tidyverse and mlr*. 2020.

[47] B. S. Cheema, S. Samima, M. Sarma, and D. Samanta, "Mental Workload Estimation from EEG Signals Using Machine Learning Algorithms," in *Engineering Psychology and Cognitive Ergonomics*, 2018, pp. 281–282.

[48] B. Kolo, *Binary and Multiclass Classification*. Weatherford Press, 2010.

[49] K. Boyd, K. H. Eng, and C. D. Page, "Area under the Precision-Recall Curve: Point Estimates and Confidence Intervals," in *Machine Learning and Knowledge Discovery in Databases*, 2013, pp. 451–466.

[50] "Understanding Confusion Matrix | by Sarang Narkhede | Towards Data Science." https://towardsdatascience.com/understanding-confusion-matrix-a9ad42dcfd62 (accessed Jan. 21, 2023).

[51] L. Massaron and A. Boschetti, *Regression Analysis with Python*. Packt Publishing, 2016.

[52] "GitHub - juanliong14/badminton_data_analysis: Analysis on proposed scoring system change to past badminton matches." https://github.com/juanliong14/badminton_data_analysis (accessed Dec. 05, 2022).

[53] G. Jocher *et al.*, "ultralytics/yolov5: v6.2 - YOLOv5 Classification Models, Apple M1, Reproducibility, ClearML and Deci.ai integrations," Aug. 2022, doi: 10.5281/ZENODO.7002879.

[54] BWF TV, "YONEX Swiss Open 2022 | Jonatan Christie (INA) [4] vs Kidambi Srikanth (IND) [7] | Semifinals - YouTube." https://www.youtube.com/watch?v=zkVsinYEwrc (accessed Oct. 21, 2022).

[55] D. Agarwal and D. P. Gupta, *Rapid Quantitative Aptitude - With Shortcuts & Tricks for Competitive Exams*. Disha Publication, 2019. Accessed: Jan. 15, 2023. [Online]. Available: https://books.google.co.id/books?id=ahpFDwAAQBAJ