# Academic Research and Publications

I have contributed to the data science and artificial intelligence body of knowledge, demonstrating competency in academic research and innovation. My peer-reviewed scientific research has been accepted into prestigious conferences and journals.

- Oyewusi, Wuraola Fisayo, Gbemileke Onilude, Olubayo Adekanmbi, and **Olalekan Akinsande**. "**AFRIRAZER: A Deep Learning Model to remove Background and Skin from Traditional African Fashion Images.**" Black in AI Workshop, 34th Conference on Neural Information Processing Systems (NeurIPS 2020) (link)
- Oyewusi, Wuraola Fisayo, Olubayo Adekanmbi, and **Olalekan Akinsande**. "**Semantic Enrichment of Nigerian Pidgin English for Contextual Sentiment Classification**." AfricaNLP Workshop, International Conference on Learning Representations(ICLR,2020) (link)
- Ezekiel Ogundepo, Sakinat Folorunso, Olubayo Adekanmbi, **Olalekan Akinsande**, Oluwatobi Banjo, Emeka Ogbuju, Francisca Oladipo, Olawale Abimbola, Ehizokhale Oseghale, Oluwatobi Babajide. "**An exploratory assessment of multidimensional healthcare and economic data on COVID-19 in Nigeria.**" Data In Brief,2020 (link)
- Wuraola Oyewusi, Mary Salami, Opeyemi Osakuade, Sharon Ibejih, Olubayo Adekanmbi, **Olalekan Akinsande**. "**AFRIFASHION40000: A Generative Adversarial Network(GANs) generated African Fashion Dataset for Computer Vision**." Black in AI Workshop, Thirty-fifth Conference on Neural Information Processing Systems(NeurIPS),2021 (link)
- Osamuyimen Stewart, Amir Banifatemi, Mathilde Forslund, Olubayo Adekanmbi, **Olalekan Akinsande**, *Et al* "P**roblem and Solution Documentation Template for Machine Learning Competitions to Enhance Explainability, Reproducibility, and Collaboration Between Stakeholders.**" Challenges in Machine Learning (CiML) workshop, 4th Conference on Neural Information Processing Systems (NeurIPS 2020) (link)
- Osamuyimen Stewart, Amir Banifatemi, Mathilde Forslund, Olubayo Adekanmbi, **Olalekan Akinsande**, *Et al* **"Federated Grassroots Community Model for Catalyzing Artificial Intelligence for Common Good."** Challenges in Machine Learning (CiML) workshop, 4th Conference on Neural Information Processing Systems (NeurIPS 2020) (link)