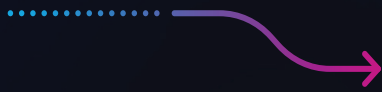


Case Study

Transforming Fund Ratings

How Advanced AI Models Boosted
Report Generation Efficiency by
80% for a Global Consulting Leader



Client background



Established in 1945, an American consulting firm offers a range of consulting services, specializing in human resources and financial solutions tailored to its clientele. As the demand for faster and more accurate financial assessments grew, the firm recognized the need to leverage AI and ML technologies to streamline its processes and enhance efficiency.



Challenges

- Fund managers relied on rating agencies to assess their funds
- Researchers at rating agencies spend significant time and resources finalizing fund ratings
- A need to automate the fund rating process was needed to reduce human intervention and improve efficiency





Our work

- Implemented AI and ML solutions to reduce manual efforts by 50%, freeing up valuable time for researchers to focus on other critical tasks
- Achieved an 80% improvement in rating prediction accuracy, enhancing the overall efficiency of final report generation
- Incorporated additional attributes like performance metrics to further refine and enhance the accuracy of the rating models



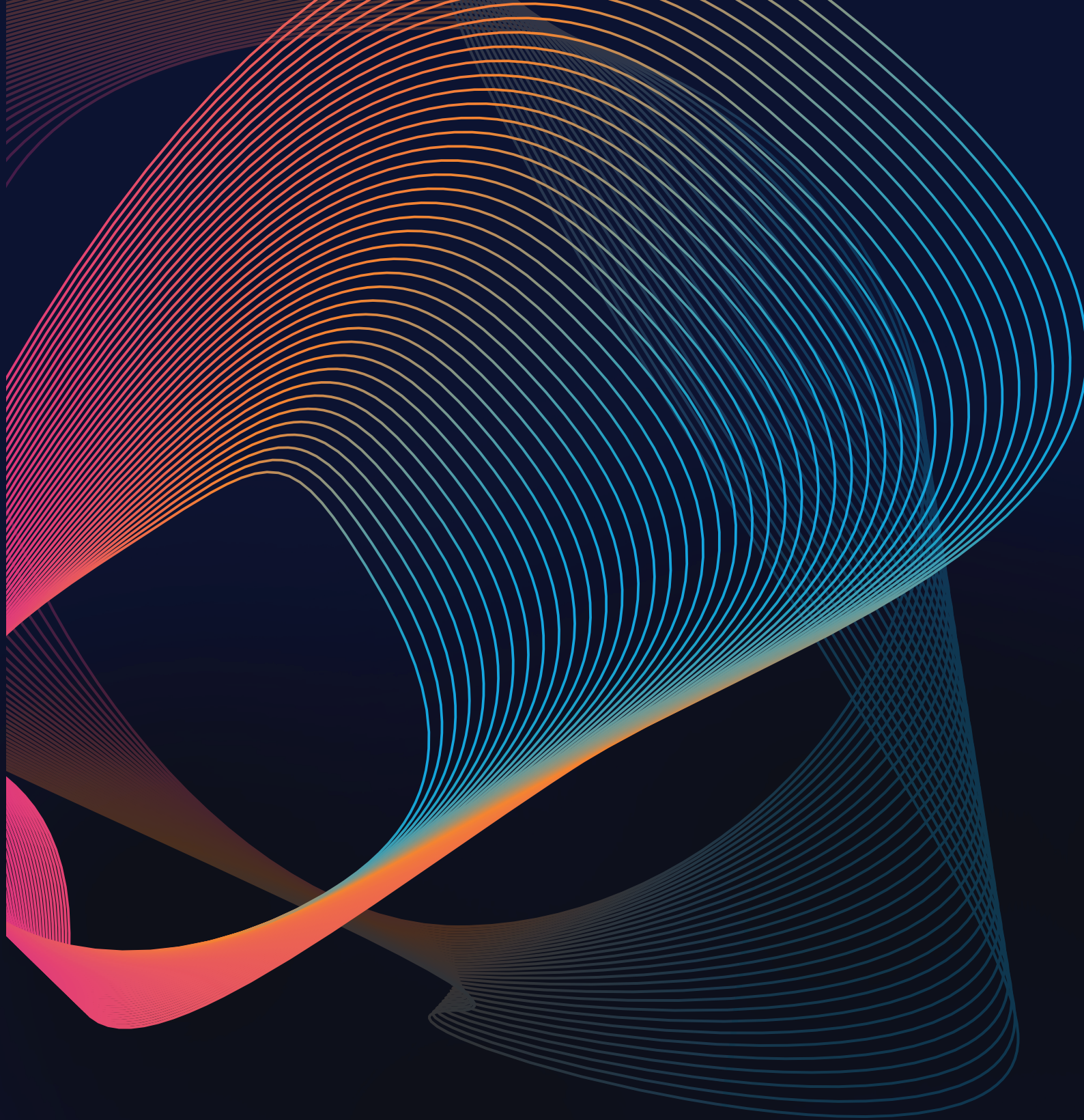
Tools & Technologies

SQL | Python



Business benefits

- Developed multiclass classification models to predict fund ratings, significantly reducing the time and effort required by researchers
- Provided an explainable AI solution, enabling clients to understand which features contributed to the expected fund ratings
- The solution utilized the Random Forest Classifier and SHAP (SHapley Additive exPlanations) to achieve accurate results



About LTIMindtree

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 81,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — solves the most complex business challenges and delivers transformation at scale. For more information, please visit <https://www.ltimindtree.com/>.