





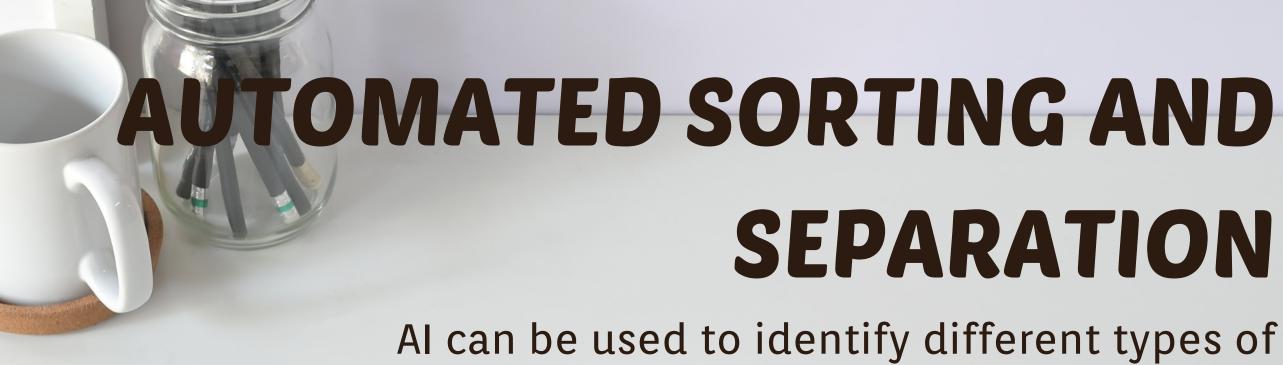
EXPLANATION

Automated sorting and separation

Design optimization

Waste tracking

Demand forecasting



materials in waste streams using computer vision and machine learning algorithms. This can be done by analyzing the shape, color, and texture of objects. Once the materials have been identified, they can be sorted and separated automatically, which can increase the recovery of valuable materials, reduce contamination, and improve the efficiency of recycling processes.





Greyparrot uses AI to identify different types of waste materials in real time using its AI Waste Recognition System. The system is deployed on moving conveyor belts at waste and recycling facilities around the world. It can monitor 100% of waste in-feed and provide instant live-data on the material composition, packaging information and brand/SKUs. This information can be used by waste managers to improve the sorting process and increase the amount of recycled materials.







Upcycled Materials uses AI to design and manufacture new products from recycled materials. The company's AI-powered platform analyzes the composition of waste materials and identifies the most valuable materials. This information is then used to design new products that are made from these materials. This helps to create a market for recycled materials and encourage more recycling.



WASTE TRACKING

Al can be used to track the movement of waste through the recycling system. This can be done by using sensors and RFID tags to track the location of waste materials. This information can be used to identify inefficiencies in the recycling system and to make improvements.





EverestLabs uses AI to track the movement of waste through the recycling system using its AI-powered waste tracking platform. The platform uses sensors and RFID tags to track the location of waste materials in real time. This information is then used to identify inefficiencies in the recycling system and to make improvements.







Closed Loop Partners uses AI to forecast the demand for recycled materials using its AI-powered demand forecasting platform. The platform uses historical data on the demand for recycled materials and economic models to predict future demand. This information is then used to help businesses make decisions about how to source and use recycled materials.



