

Background

Scrap and rework can cost manufacturers 5-10% of sales revenues. Moving quality monitoring to earlier in the production lifecycle helps enormously reduce the cost of product and process quality deviations and reduces scrap, recall and associated costs.

Traditional production quality inspections are expensive, time-consuming and error-prone. Product defects are too small for the human eye or too subtle for the human ear to notice.

At the early stage, based on the user research with several manufactures, IBM has initiated two seperate AI-powered quality insights offerings named “Visual Insights” and “Acoustic Insights” focusing on the assumptive personas “model manager ” and “data scientist”, which aims at replacing traditional manual inspection to improve operational efficiency and save costs.



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