

Business Intelligence and Analytics/Machine Learning Image Classification



Challenges

- Claim processing takes long time.
- Material movements are high because of inspection.
- Require a dedicated team to inspect defective tyres.
- Completely manual processing and defect identification varies from expert to expert.
- 30000+ claims to be processed every month.



Activities/Process

- Customer brings back used tyre to dealer.
- Dealer does first level of inspection.
- Coordinates with expert and registers claim.
- Tyre will be transferred to nearest inspection centre.
- Expert at inspection centre verifies and certifies the claim.
- Claim processing will be completed basis on expert advice.
- Dealer communicates back to customer and completes the claim.



Solutions

- Based defect identification using tensorflow.
- CNN algorithm-based model with high accuracy.
- Defect classification using image processing and is immediate.
- Automated process, dealer directly uploads images and gets defect classified immediately.
- Open-source technology, virtually no license cost involved.
- Platform independent.



Benefits

- Reduced human effort, highly accurate and is consistent.
- Automated process hence no delay of processing.
- Very less industry experts required.
- Reduced or no material movement for claim processing.
- Automated processing, faster claim processing.
- Dealer and customer will get claim status immediately.



2nd Floor, 1st Main Rd,
8th Block, Jayanagar, Bengaluru, Karnataka
560070
General Contact: 080-26635854
Email: info@ahana.co.in