BIRD
MANUFACTURING

Single Platform
with Many Solutions

Case Study: Manufacturing (Trucks)

About BIRD

- A modern & agile full-stack data management platform that provides real-time access on any of your data

- Allows users to analyze the data using powerful KPI driven dashboards or through standard ANSI SQL or through augmented ML insights

- With BIRD, enterprises can build instant data pipelines with transformations, design data warehouses with logical data models

- With BIRD's in-built source connectors, all your sources like databases, ERPs, flat files, third-party cloud services, bigdata sources, streaming/IoT devices are covered

- BIRD helps in reducing BI team's efforts by 70%, with its universal data model framework & accelerators to standard sources sources

- With BIRD's augmented analytics, enterprises can now shorten the time to insights by 75%

- BIRD's cloud native architecture, now enables implementation to be 90% faster

Manufacturing (Trucks)

Customer is an American Fortune 500 company and counts among the largest manufacturers of medium- and heavy-duty commercial vehicles in the world. Customer is engaged in the design, manufacture and customer support of light-, medium- and heavy-duty trucks.

The Problem

The customer is a 100 year old company, who leads in design and manufacturing of trucks. The customer distributes the trucks through its dealers. Customer is currently using legacy software across various divisions to track business metrics. Customer feels that they are loosing lot of money on warranty of vehicles/parts across multiple models they manufacture on a yearly basis. Dealers can potential raise fraudulent claims and as of today, there is no way of knowing them. Also, customer has no way of claim forecasting on warranties. Also, there is lot of manual intervention of going through each and every claim round the clock, by a good team of claim agents. Customer is interested in automation

The Solution

BIRD accessed, customer's database to do thorough exploratory analytics to get indepth understanding of the domain. Discussed, potential usecases and initial problem areas with the customer. BIRD team developed advanced predictive models to identify fraudulent claims using NLP techniques, claim processing automation, claim forecasting for better inventory management. BIRD also provided webservice requests for all these models, so that they can be invoked directly from transactional systems.

The Results

Cost savings around ~ $675,000 per year was shown, by reducing the number of claim agents, as the process of claim processing was automated. Time to generate reports came down from 1 week to a few mins, as the batch job of data processing was made real-time. Savings due to fraud avoidance and proactively working on alerts showed significant savings to the customer

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Thank You.

For more information
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