Insurance Claims and Fraud Detection

Karthikeyan NG 2018 @Bengaluru
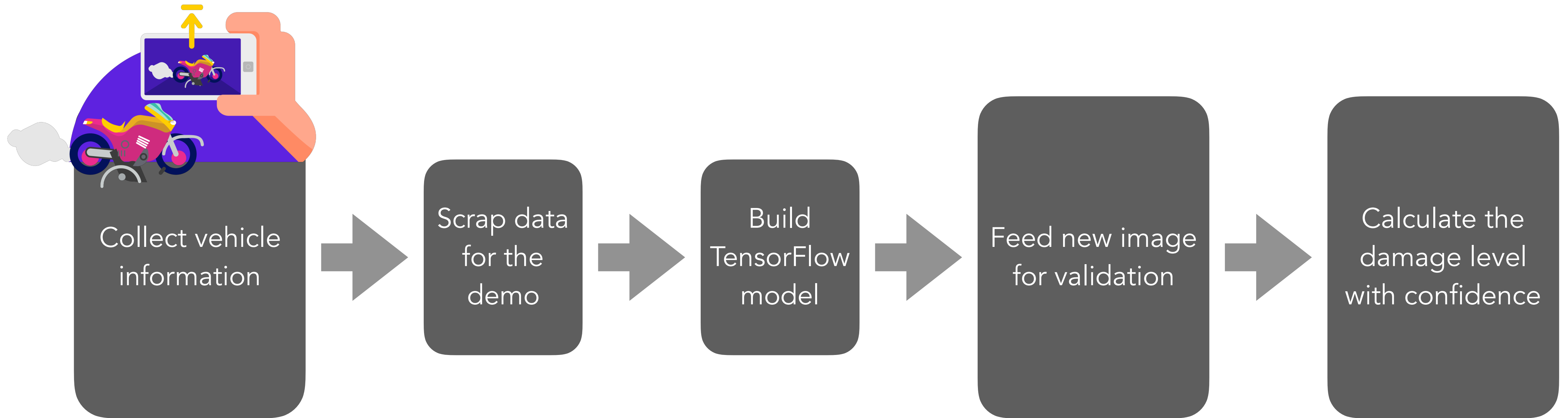
Fraudulent Claim Detection

Generate Claims Data with real & fake claims → Insert data into DB → Data Cleaning → Data Analysis with various results → Build a Decision Tree Classifier

Achieving 96% accuracy on a dataset of 100K records
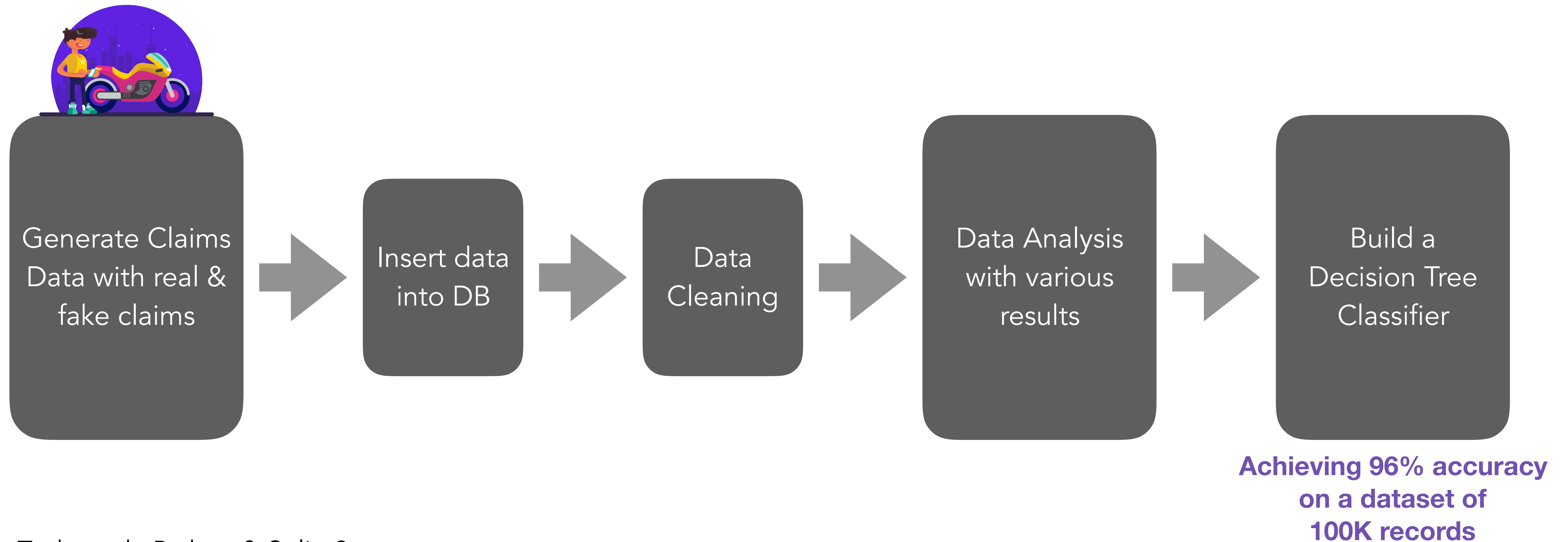
Tech stack: Python & Sqlite3

Libraries Used: mimesis, faker, sqlite3, numpy, matpltlib, pydotplus, pandas, sklearn, openpyxl

Acko Car Damage Detector

Collect vehicle information → Scrap data for the demo → Build TensorFlow model → Feed new image for validation → Calculate the damage level with confidence

Tech stack: Python Flask, Bootstrap & TensorFlow

Libraries Used: Flask, gunicorn, pandas, tensorflow, tf-hub, scipy