USER

CLOUD

EXTERNAL MODEL
TRAINING DATA

MVP Data Sources

Report

USER

Frontend

Aggregator

Case Data

JSON Store

Bias & Disparity
Detection Engine
(Federal)

Open Sentencing
Model
(State / Local)

BDD Engine = Federal Data
• US Sentencing Commission

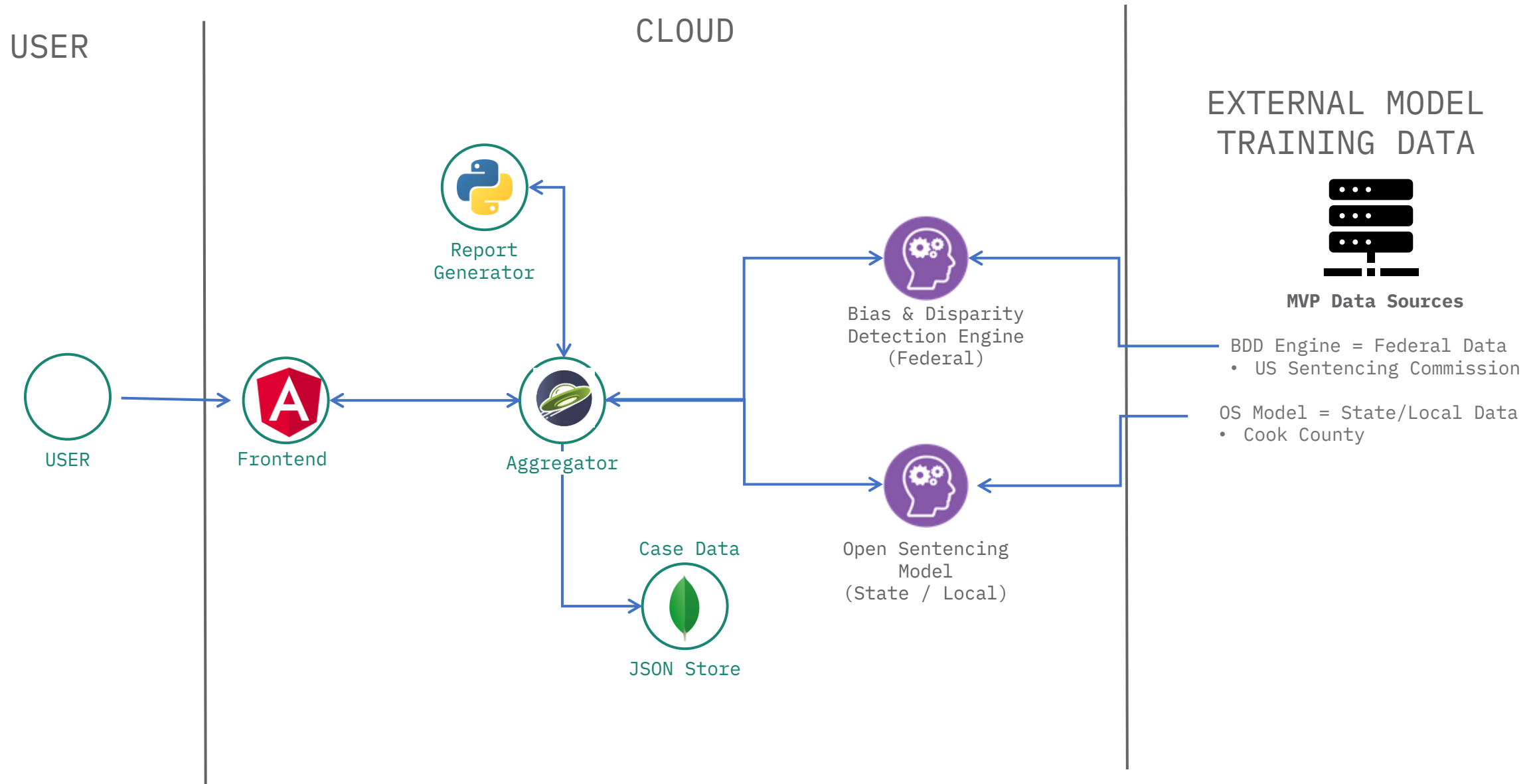OS Model = State/Local Data
• Cook County

Aggregator: Java on RH OpenShift on IBM Cloud
Open Sentencing Model (OSM) / Bias and Disparity Detection Engine (BDDE): Swagger on Flask
Case Data: Cloudant

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Aggregator: Java on RH OpenShift on IBM Cloud
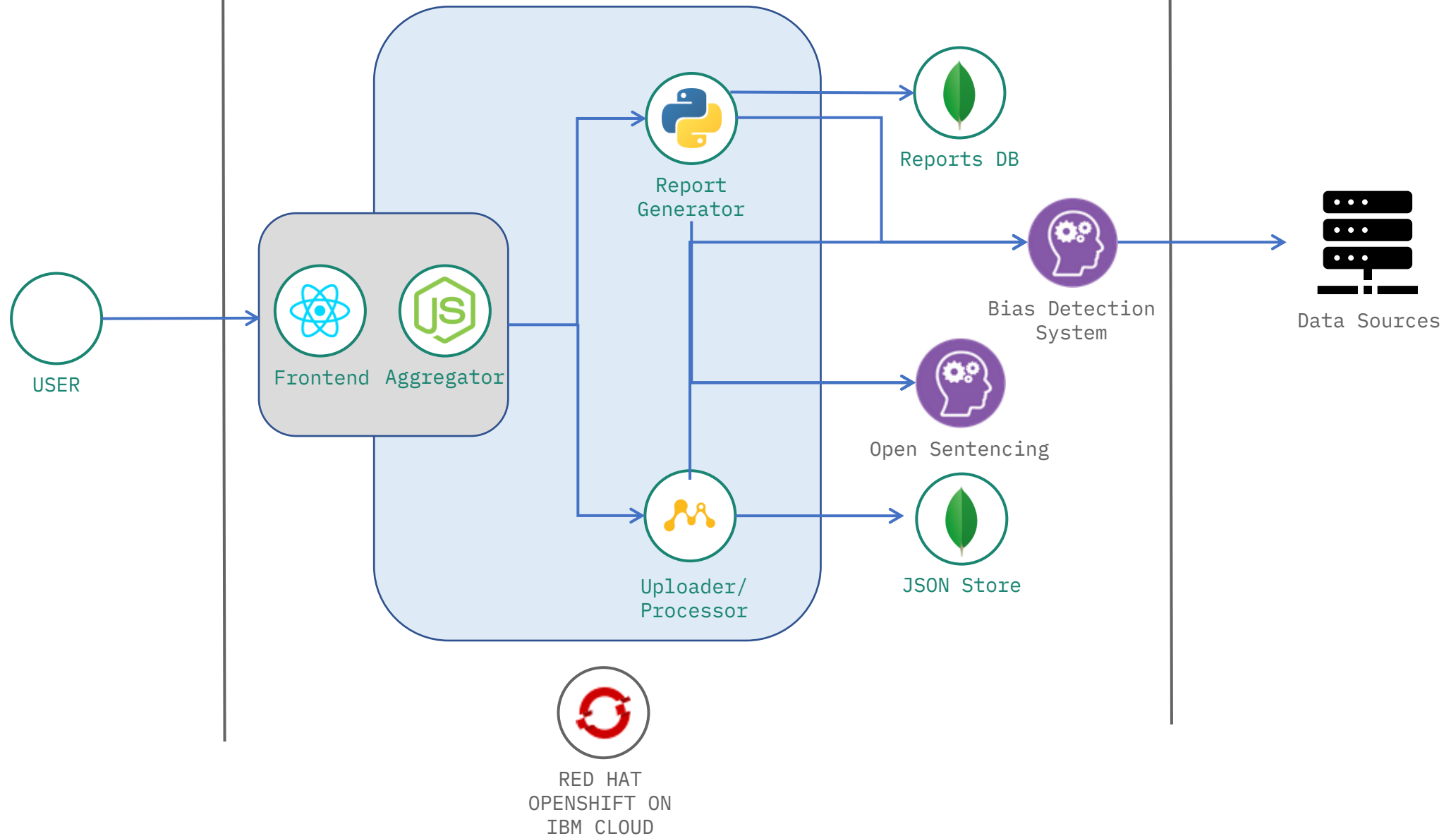Open Sentencing Model (OSM) /Bias and Disparity Detection Engine (BDDE): Swagger on Flask
Case Data: Cloudant

Old Versions

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CLOUD

EXTERNAL

Frontend Aggregator

Report Generator

Reports DB

Bias Detection System

Data Sources

Open Sentencing

Uploader/ Processor

JSON Store

RED HAT OPENSHIFT ON IBM CLOUD