- Credentials/Secrets Storage on AWS Secrets Manager or AWS Parameter Store
- Running asynchronous tasks using uWsgi spooler
- DF-181 Assessing SQL query performance w/ & w/o indices
- Demand Forecast Algorithm Comparison
- Debugging tool options (checked for Auto Ordering & Demand Forecasting)
- Kubernetes Workflows w/ Argo and Luigi
- DF-227 Data Integrity Evaluation for Customer Orders
- Authentication and Authorization with AWS Cognito
- Implementing authorization on a REST API with AWS Cognito and AWS API Gateway
- Elastic Application Monitoring (APM) considerations and comparison with New Relic APM
- Recursive Queries Performance In Postgresql
- Exception Handling
- DF-337 Response compression with gzip
- Speeding up PostgreSQL queries
- Contract Testing
- DF-225 Using Prophet with Docker
- DF-334 Demand Forecast Data Tables Draft
- Proposal: Exporting Order Proposals to External Services
- DF-303 Evaluating the fitness of using the Demand Forecasting Service in Production
- DF-411 Enabling of the Demand Forecasting Service in production
- Load testing Ecommerce Cloud API for AutoOrdering
- Research implementation solutions for Data Historization Service
- DF-425 Research possibilities for retry mechanism for AOS in Case of 5XX messages - collect id's
- DF-480 DF, Ecomm & AO Integration
- DF-462 Reducing Docker image sizes
- Integrating application logging with AWS Kinesis Data Firehose delivery stream
- DF-488 POC - get data from DHS_POC
- AWS Glue jobs development
- DF-511 Investigation: Fallback for failing Demand Forecast Pipeline
- Argo Workflows Synchronization
- DF-582 Enabling Spark UI for AWS Glue Jobs
- DF-583 & DF-584 AWS Glue Job Run Optimization
- Check performance of multi step outlier detection with different worker types
- DF-665 Using AWS Glue Blueprints for Automating Workflow Creation
- Docker Desktop Alternatives
- How to load and query data in AWS Redshift and Redshift Spectrum
- Data Platform
- Kafka PoC
- 2022 AWS Data Lab
- DHS-DF data preprocessing pipeline cost management in Glue vs EMR Serverless
- Using self-hosted Airflow instead of AWS Managed Apache Airflow (MWAA)
- Feature toggles in python/django based projects
- Logging Strategy