

Kamran Rasim Asgarov

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TECHNICAL SKILLS

Languages	: Python, bash, R.
Libraries	: pandas, boto3, requests, beautifulsoup, geopandas, shapely, plotly, matplotlib, sklearn.
Databases	: PostgreSQL, Reshift, MongoDB.
AWS	: S3, MWAA(Airflow), RDS, Lambda, Sagemaker, Parameter Store, CloudWatch.
Data Tools	: Power BI, Active Campaign, Amplitude, Zuora.
Dev Tools	: Airflow, Docker, RudderStack, Github Actions, CircleCI.
Misc	: Visual Studio Code, Jupyter Notebook/Lab, bash, Git, Github, Sharepoint.

RECENT EMPLOYMENT

Data Engineer	Aug 2018 – Present
<i>Yara International</i>	<i>Remote, Singapore</i>
<ul style="list-style-type: none">• Built and maintained a variety of ETL pipelines, set up data models and relational databases.• Challenged stakeholder assumptions with strategic use of analytics and clear visualizations.• Experimented with machine learning models with spatial and linguistic data.• Was in charge of planning and organizing team dinners, online game sessions and ran the board game club in pre-covid times.	

Please refer to my LinkedIn profile for full Employment history.

PROJECT HIGHLIGHT

User Data Anonymization Pipelines	<i>Python (pandas, boto3, requests), Airflow, S3, Redshift, Amplitude</i>	2022
<ul style="list-style-type: none">• Wrote an Airflow DAG to download RudderStack logs in json/parquet formats from S3, parse and anonymize data for a given user and re-upload the file to S3.• Wrote an Airflow DAG to anonymize Active Campaign data in Redshift.• Wrote an Airflow DAG to send and track progress of anonymization requests to Amplitude API		
Data Collectors Analytics	<i>Python (pandas, boto3), MongoDB, Power Bi, SharePoint</i>	2021
<ul style="list-style-type: none">• Built a Dockerized ETL to collect agent data from MongoDB, calculate performance metrics and write it as a .csv to SharePoint.• Built a Power BI dashboard to highlight high/low performing data collector agents, as well as overall progress towards team goal.		

Please refer to the attached PDF for full project history.

EDUCATION

Johns Hopkins Bloomberg School of Public Health	Coursera.org
<i>Data Science Specialization</i>	2017
National University of Singapore	Singapore
<i>Bachelor of Arts (Economics)</i>	2004 – 2008