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Meet the Team

Favorite Cartoon Character

Edward Vincent **"VINCE"** Duero

Batman

Rosiel Jazmine **"ROSE"** Villareal

Avatar Korra

Jericho Carlo **"ECHO"** Agudo

<sick leave boy>

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Machine Learning Engineer Responsibilities

Designs and writes **production-grade** code to **deploy** machine learning models

Develops **internal tools** to accelerate model development workflows

Collaborates with **key stakeholders** in delivering end-to-end machine learning model solutions

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Machine Learning Engineer Tools

Internal tools like in-house standard library

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AWS SageMaker Example

California Housing Regression Experiment using Sage

Feature Used: SageMaker Experiments

ML Problem Solved: House Price Regression/Prediction

Algorithm Used: Artificial Neural Network (ANN)

Dataset Used: California Housing Dataset from `sklearn`

Built-in or Custom? Custom

Type & resource config:
1 `ml.m5.large` instance per trial
Tensorflow v. 2.4.1
Python version v. 3.7

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California Housing Regression Experiment

Summary:

The example demonstrates how we can use **SageMaker Experiments** to organize, track, compare, and evaluate machine learning model training experiments. It uses the **California Housing dataset** and an **Artificial Neural Network** model using **TensorFlow**.

The example also used the search and analytics capabilities of the Python SDK to search, compare, evaluate, and visualize the performance of all **model versions** generated from model tuning.

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Summary

Machine Learning Engineer
Responsibilities & Tools

SageMaker Example
California Housing Regression using
SageMaker Experiments

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