package com.twitter.product\_mixer.component\_library.scorer.tensorbuilder

import com.twitter.ml.featurestore.lib.Discrete

import inference.GrpcService.ModelInferRequest.InferInputTensor

case object Int64InferInputTensorBuilder extends InferInputTensorBuilder[AnyVal] {

private def toLong(x: AnyVal): Long = {

x match {

case y: Int => y.toLong

case y: Long => y

case y: Discrete => y.value

case y => throw new UnexpectedDataTypeException(y, this)

}

}

def apply(

featureName: String,

featureValues: Seq[AnyVal]

): Seq[InferInputTensor] = {

val tensorShape = Seq(featureValues.size, 1)

InferInputTensorBuilder.buildInt64InferInputTensor(

featureName,

featureValues.map(toLong),

tensorShape)

}

}