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

import inference.GrpcService.ModelInferRequest.InferInputTensor

case object Float32InferInputTensorBuilder extends InferInputTensorBuilder[AnyVal] {

private def toFloat(x: AnyVal): Float = {

x match {

case y: Float => y

case y: Int => y.toFloat

case y: Long => y.toFloat

case y: Double => y.toFloat

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

}

}

def apply(

featureName: String,

featureValues: Seq[AnyVal]

): Seq[InferInputTensor] = {

val tensorShape = Seq(featureValues.size, 1)

InferInputTensorBuilder.buildFloat32InferInputTensor(

featureName,

featureValues.map(toFloat),

tensorShape)

}

}