package com.twitter.product\_mixer.core.pipeline.recommendation

import com.twitter.product\_mixer.core.model.common.UniversalNoun

import com.twitter.product\_mixer.core.model.common.identifier.RecommendationPipelineIdentifier

import com.twitter.product\_mixer.core.pipeline.Pipeline

import com.twitter.product\_mixer.core.pipeline.PipelineQuery

import com.twitter.stitch.Arrow

/\*\*

\* A Recommendation Pipeline

\*

\* This is an abstract class, as we only construct these via the [[RecommendationPipelineBuilder]].

\*

\* A [[RecommendationPipeline]] is capable of processing requests (queries) and returning responses (results)

\* in the correct format to directly send to users.

\*

\* @tparam Query the domain model for the query or request

\* @tparam Candidate the type of the candidates

\* @tparam Result the final marshalled result type

\*/

abstract class RecommendationPipeline[

Query <: PipelineQuery,

Candidate <: UniversalNoun[Any],

Result]

extends Pipeline[Query, Result] {

override private[core] val config: RecommendationPipelineConfig[Query, Candidate, \_, Result]

override val arrow: Arrow[Query, RecommendationPipelineResult[Candidate, Result]]

override val identifier: RecommendationPipelineIdentifier

}