create\_datasets(

base\_name = "original\_author\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/original\_author\_aggregates/1556496000000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.OriginalAuthor",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "twitter\_wide\_user\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/twitter\_wide\_user\_aggregates/1556496000000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.TwitterWideUser",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "twitter\_wide\_user\_author\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/twitter\_wide\_user\_author\_aggregates/1556323200000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.TwitterWideUserAuthor",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/user\_aggregates/1556150400000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.User",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_author\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/user\_author\_aggregates/1556064000000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.UserAuthor",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "aggregates\_canary",

fallback\_path = "gs://user.timelines.dp.gcp.twttr.net//canaries/processed/aggregates\_v2/user\_aggregates/1622851200000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.User",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_engager\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/user\_engager\_aggregates/1556496000000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.UserEngager",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_original\_author\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/user\_original\_author\_aggregates/1556496000000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.UserOriginalAuthor",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "author\_topic\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/author\_topic\_aggregates/1589932800000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.AuthorTopic",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_topic\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/user\_topic\_aggregates/1590278400000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.UserTopic",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_inferred\_topic\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/user\_inferred\_topic\_aggregates/1599696000000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.UserInferredTopic",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_mention\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/user\_mention\_aggregates/1556582400000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.UserMention",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_request\_dow\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/user\_request\_dow\_aggregates/1556236800000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.UserRequestDow",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_request\_hour\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/user\_request\_hour\_aggregates/1556150400000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.UserRequestHour",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_list\_aggregates",

fallback\_path = "viewfs://hadoop-proc2-nn.atla.twitter.com/user/timelines/processed/aggregates\_v2/user\_list\_aggregates/1590624000000",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.UserList",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

create\_datasets(

base\_name = "user\_media\_understanding\_annotation\_aggregates",

key\_type = "com.twitter.timelines.data\_processing.ml\_util.aggregation\_framework.AggregationKey",

platform = "java8",

role = "timelines",

scala\_schema = "com.twitter.timelines.prediction.common.aggregates.TimelinesAggregationKeyValInjections.UserMediaUnderstandingAnnotation",

segment\_type = "snapshot",

tags = ["bazel-compatible"],

val\_type = "(com.twitter.summingbird.batch.BatchID, com.twitter.ml.api.DataRecord)",

scala\_dependencies = [

":injections",

"timelines/data\_processing/ml\_util/aggregation\_framework:common\_types",

],

)

scala\_library(

sources = [

"BCELabelTransformFromUUADataRecord.scala",

"FeatureSelectorConfig.scala",

"RecapUserFeatureAggregation.scala",

"RectweetUserFeatureAggregation.scala",

"TimelinesAggregationConfig.scala",

"TimelinesAggregationConfigDetails.scala",

"TimelinesAggregationConfigTrait.scala",

"TimelinesAggregationSources.scala",

],

platform = "java8",

tags = ["bazel-compatible"],

dependencies = [

":aggregates\_canary-scala",

":author\_topic\_aggregates-scala",

":original\_author\_aggregates-scala",

":twitter\_wide\_user\_aggregates-scala",

":twitter\_wide\_user\_author\_aggregates-scala",

":user\_aggregates-scala",

":user\_author\_aggregates-scala",

":user\_engager\_aggregates-scala",

":user\_inferred\_topic\_aggregates-scala",

":user\_list\_aggregates-scala",

":user\_media\_understanding\_annotation\_aggregates-scala",

":user\_mention\_aggregates-scala",

":user\_original\_author\_aggregates-scala",

":user\_request\_dow\_aggregates-scala",

":user\_request\_hour\_aggregates-scala",

":user\_topic\_aggregates-scala",

"src/java/com/twitter/ml/api:api-base",

"src/java/com/twitter/ml/api/constant",

"src/java/com/twitter/ml/api/matcher",

"src/scala/com/twitter/common/text/util",

"src/scala/com/twitter/dal/client/dataset",

"src/scala/com/twitter/frigate/data\_pipeline/features\_aggregated/core",

"src/scala/com/twitter/scalding\_internal/multiformat/format",

"src/scala/com/twitter/timelines/prediction/common/adapters:engagement-converter",

"src/scala/com/twitter/timelines/prediction/features/client\_log\_event",

"src/scala/com/twitter/timelines/prediction/features/common",

"src/scala/com/twitter/timelines/prediction/features/engagement\_features",

"src/scala/com/twitter/timelines/prediction/features/escherbird",

"src/scala/com/twitter/timelines/prediction/features/itl",

"src/scala/com/twitter/timelines/prediction/features/list\_features",

"src/scala/com/twitter/timelines/prediction/features/p\_home\_latest",

"src/scala/com/twitter/timelines/prediction/features/real\_graph",

"src/scala/com/twitter/timelines/prediction/features/recap",

"src/scala/com/twitter/timelines/prediction/features/request\_context",

"src/scala/com/twitter/timelines/prediction/features/simcluster",

"src/scala/com/twitter/timelines/prediction/features/time\_features",

"src/scala/com/twitter/timelines/prediction/transform/filter",

"src/thrift/com/twitter/timelines/suggests/common:engagement-scala",

"timelines/data\_processing/ad\_hoc/recap/data\_record\_preparation:recap\_data\_records\_agg\_minimal-java",

"util/util-core:scala",

],

)

scala\_library(

name = "injections",

sources = [

"FeatureSelectorConfig.scala",

"RecapUserFeatureAggregation.scala",

"RectweetUserFeatureAggregation.scala",

"TimelinesAggregationConfigDetails.scala",

"TimelinesAggregationConfigTrait.scala",

"TimelinesAggregationKeyValInjections.scala",

"TimelinesAggregationSources.scala",

],

platform = "java8",

tags = ["bazel-compatible"],

dependencies = [

"src/java/com/twitter/ml/api:api-base",

"src/java/com/twitter/ml/api/constant",

"src/java/com/twitter/ml/api/matcher",

"src/scala/com/twitter/common/text/util",

"src/scala/com/twitter/dal/client/dataset",

"src/scala/com/twitter/frigate/data\_pipeline/features\_aggregated/core",

"src/scala/com/twitter/scalding\_internal/multiformat/format",

"src/scala/com/twitter/timelines/prediction/features/client\_log\_event",

"src/scala/com/twitter/timelines/prediction/features/common",

"src/scala/com/twitter/timelines/prediction/features/engagement\_features",

"src/scala/com/twitter/timelines/prediction/features/escherbird",

"src/scala/com/twitter/timelines/prediction/features/itl",

"src/scala/com/twitter/timelines/prediction/features/list\_features",

"src/scala/com/twitter/timelines/prediction/features/p\_home\_latest",

"src/scala/com/twitter/timelines/prediction/features/real\_graph",

"src/scala/com/twitter/timelines/prediction/features/recap",

"src/scala/com/twitter/timelines/prediction/features/request\_context",

"src/scala/com/twitter/timelines/prediction/features/semantic\_core\_features",

"src/scala/com/twitter/timelines/prediction/features/simcluster",

"src/scala/com/twitter/timelines/prediction/features/time\_features",

"src/scala/com/twitter/timelines/prediction/transform/filter",

"timelines/data\_processing/ad\_hoc/recap/data\_record\_preparation:recap\_data\_records\_agg\_minimal-java",

"util/util-core:scala",

],

)