



The Friendly Mapper- To Map Better Together!

Presentation Number: SI03

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Name : Rajesh Saha
Title: Clinical Programming Portfolio Lead
Company: Janssen Pharmaceuticals (J&J)
Location: Beerse, Belgium



Experience

Rajesh has more than 13 years of experience in the Clinical Data Standards and Clinical Data Management. He has successfully led several Standards innovations in J&J for last 6 years. Recently he moved to the Clinical Programming Team.

He has done significant contribution in the CDISC COVID-19 TAUG and review of Define.xml v.2.1. He is also part of TransCelerate DDF project.

Prior to J&J, he worked in Cognizant Technology Solution – in the Life Sciences COE, As CDSIC Standards Technical Lead.

As a leader, Rajesh strongly believes in human values and an advocate of Diversity, Equality and Inclusion. He is a proud member of IDAR ARISE DEI Initiative within J&J.

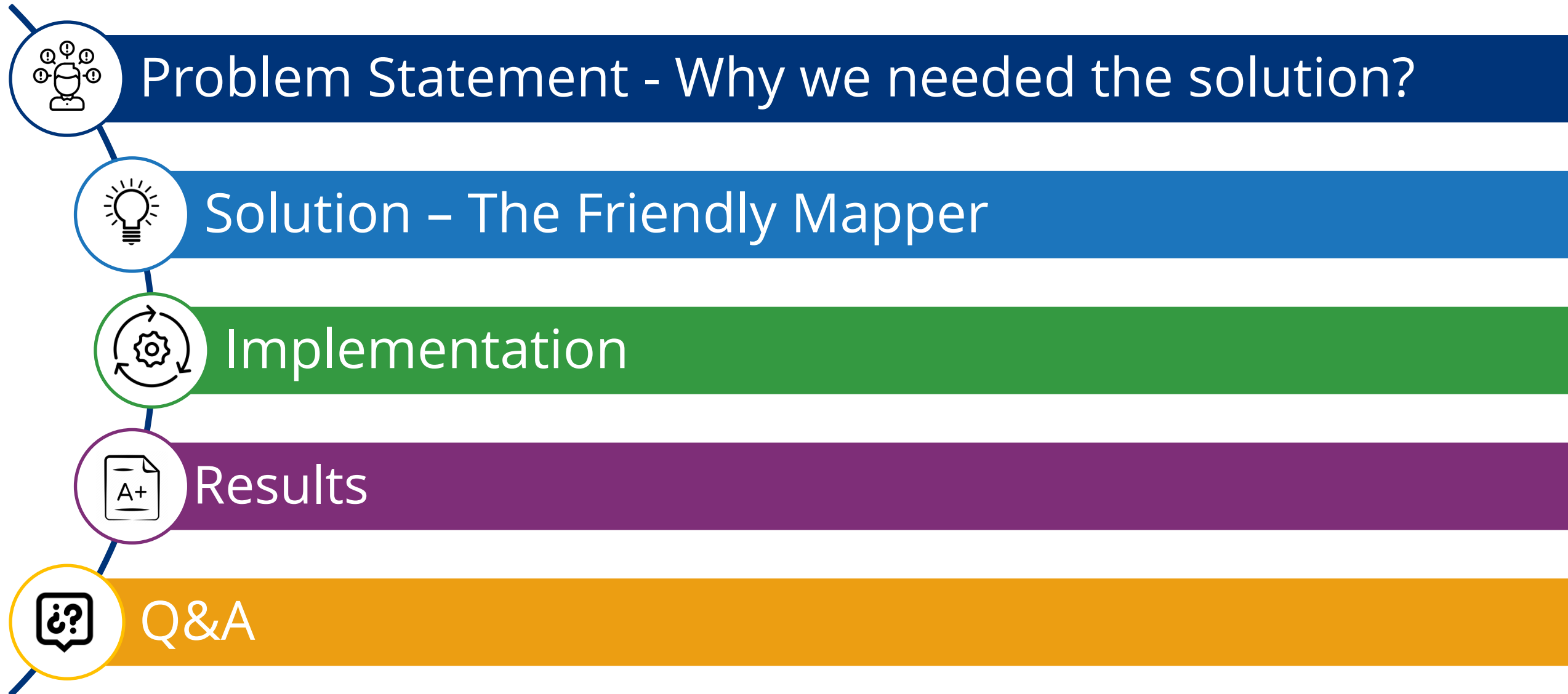
Personal Background

Rajesh is originally from Kolkata, India, The City of Joy.

He has moved to Europe in 2014. Currently he stays in Belgium with his wife, **Mona** and two sons – **Ridhan** (5 Years) and **Ahir** (1 Year).

In his free time when possible he loves to sit near the bank of a river or lake, listen to the sound of water.

Agenda





Problem Statement - Why we needed the solution?

Good to Know!

The solution which I am going to share is used to prepare and delivery Raw to DRM (Data Review Model) Mappings at the library level by the Janssen Clinical Data Standards Team!

But I think – Most if not all part of the solution can be taken up to solve some of the related problems faced at the study Raw to SDTM mappings as well.

Manual Maintenance
of Mapping, Recode
and Metadata

Manual copy of
Source and Target
Metadata to
Mapping sheet

Simultaneous update
of the mapping by
librarians is not
possible

Manually managing
the mapping
versions

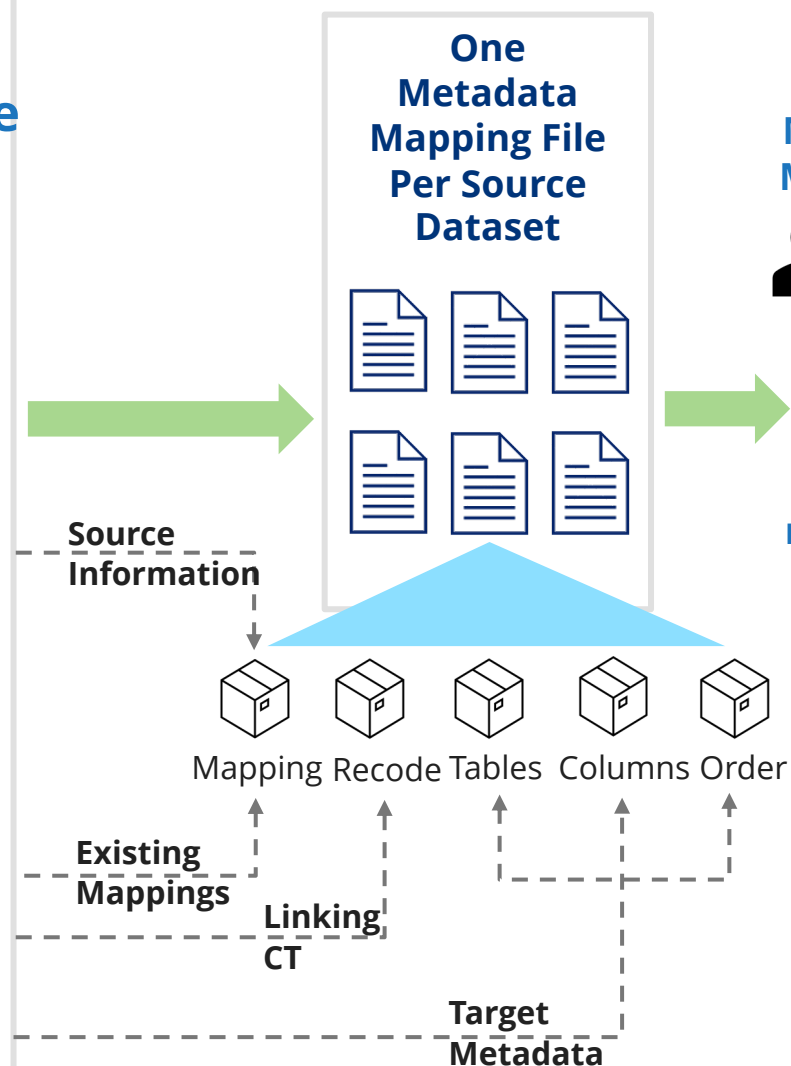
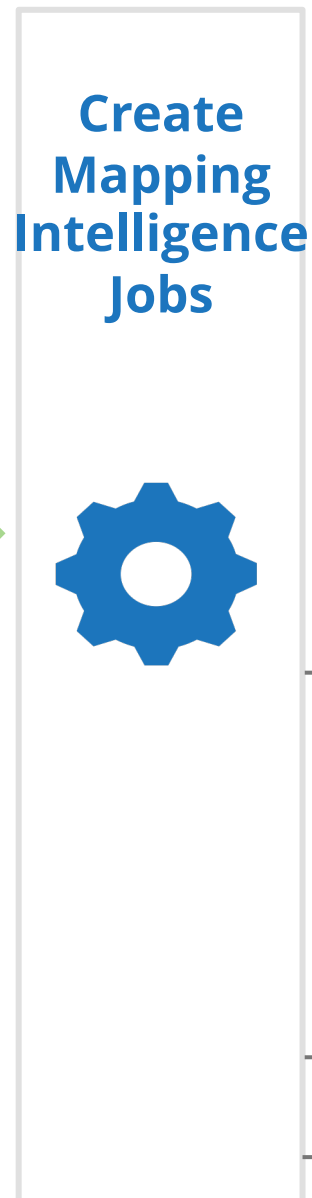
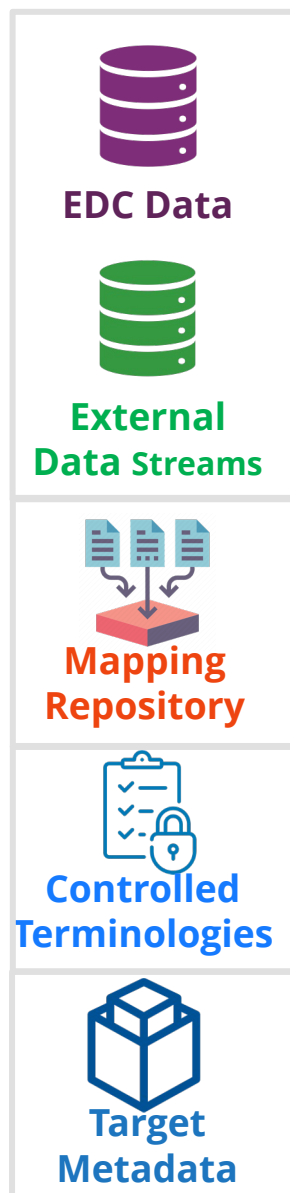
No direct link
between the
Codelists used in the
mapping file and
Janssen CT



Solution – The Friendly Mapper



Supporting Metadata Data Sources



Multiple Mappers



Update mapping



Execute Data Conversion Engine



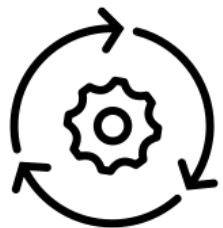
QC & Validation of Mapping & Target Datasets



Mapping Repository



Release of Target Datasets



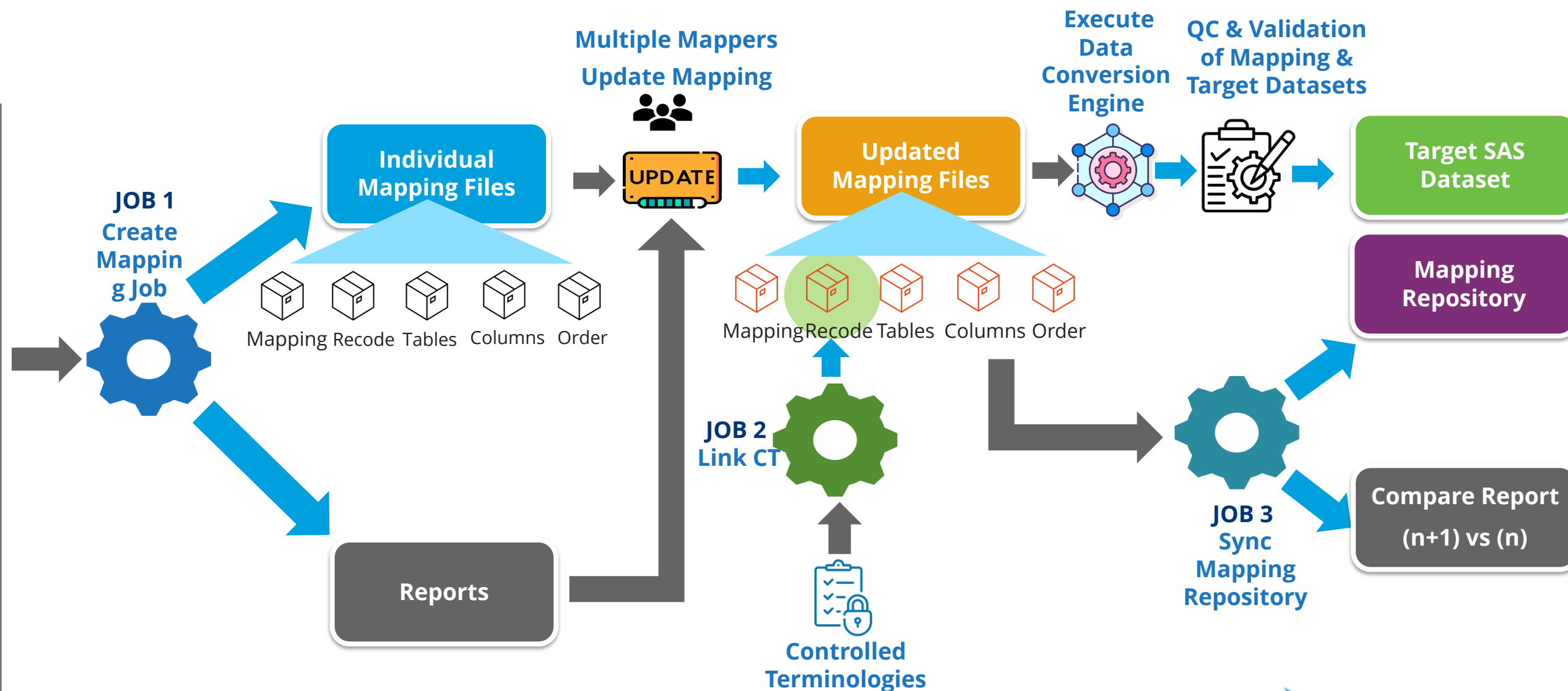
Implementation

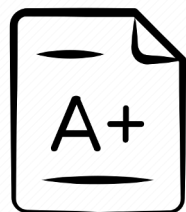


Generate Individual Mapping Files

Connecting with Controlled Terminologies

Pushing the code to Mapping Repository





Result



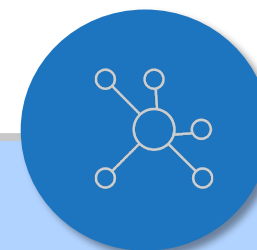
Faster

With multi-mapper framework, mapping now gets completed faster and delivery time being substantially reduced.



Easier

With more informative mapping file – mapping got much easier than before



Connected

Now Source, CT, Target Metadata are well connected and follow metadata driven approach



Automated

With highly connected and automated system from Source to Target, things have become smooth and traceable



High Quality

With reduced manual maintenance, mapper can now focus on quality mapping and better dataset QC.



Q&A

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Thank you