Encounter Cost Process

Main flow (left to right):

mrf parquet → Data cleasing → match by NPI → mrf with provider type & specialty → filter by billing code specialty → mrf & provider type filtered by specialty → merge with encounter structure → mrf with encounter by npi & tin

npi /zna data

specialty billing code mapping

encounter code mapping

Top branch:

Aggregate level 1 → aggregated mrf cost level 1 → aggregate level 2 → aggregated mrf cost level 2 → aggregate level 3 → Generic Cost File

by
- encounter variation
- negotiation type
- negotiated arrangmnt
- service code
- billing code
- entiry types
- modifier

by
- encounter variation
- encounter group
- negotiation type
- negotiated arrangmnt
- service code
- entiry types

by
- encounter variation
- negotiation type
- negotiated arrangmnt
- entity/ancillary
- service code

encounter mapping

Bottom branch:

Aggregate level 1 → aggregated mrf cost level 1 → aggregate level 2 → aggregated mrf cost level 2 → aggregate level 3 → aggregated mrf cost final

by
- encounter variation
- negotiation type
- negotiated arrangmnt
- service code
- billing code
- entiry types
- modifier
- npi

by
- encounter variation
- encounter group
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- service code
- entiry types
- npi

by
- encounter variation
- negotiation type
- negotiated arrangmnt
- entity/ancillary
- service code
- npi

Provider Demographic Data

Contributing cost

Combine data → combined cost parquet