CLAIMS

1. A method for ingesting different data types, comprising: receiving, at a data ingestion layer in a multi-layer pod that is executed by a computer processor in a datacenter, data from a data producer, wherein the data may be in any format; ingesting, by the data ingestion layer, the data using a producer proxy agent or an ingestion application programming interface (API); staging, by a data messaging/staging layer in the multi-layer pod that is executed by the computer processor in the datacenter, the ingested data; enriching or transforming, by a data enrichment/transformation layer in the multi-layer pod that is executed by the computer processor in the datacenter, the staged data based on at least one customer requirement; and routing, by a data connection layer in the multi-layer pod that is executed by the computer processor in the datacenter, the enriched or transformed data from the data messaging/staging layer to a data store at a velocity based on the data store, wherein the velocity is a speed at which the data store is capable of accepting the enriched or transformed data.

2. The method of claim 1, further comprising: storing, by a data archive layer, the enriched or transformed data.

3. The method of claim 1, further comprising: onboarding the data producer.

4. The method of claim 3, wherein the data producer is onboarded using a self-service process.

5. The method of claim 1, wherein the data ingestion layer receives the data from a load balancer.

6. The method of claim 5, wherein the load balancer selects the data ingestion layer based on geography to minimize latency.

7. The method of claim 1, wherein the at least one customer requirement comprises inserting a new time stamp, replacing an IP address with a host name, and replacing code with a description.

8. The method of claim 1, wherein the enriched/transformed data is pushed or pulled to a customer data store.

9. The method of claim 1, wherein a data contract governs the ingestion of the data, the transformation of the data, and the storage of the data.

10. The method of claim 1, wherein the data store is identified during onboarding.

11. A system, comprising: a plurality of data producers; and a multi-layer pod, wherein the multi-layer pod is executed by a computer processor in a datacenter and comprises a data collection layer, a data ingestion layer, a data messaging/staging layer, a data enrichment/transformation layer, a data connection layer, and a plurality of data stores; wherein: the data ingestion layer is configured to receive data from one or more of the plurality of data producers, wherein the data may be in any format; the data ingestion layer is configured to ingest the data using a producer proxy agent or an ingestion application programming interface (API); the data messaging/staging layer is configured to stage the ingested data; the data enrichment/transformation layer is configured to enrich or transform the staged data based on at least one customer requirement; and the data connection layer is configured to

route the enriched or transformed data from the data messaging/staging layer to a data store at a velocity based on the data store, wherein the velocity is a speed at which the data store is capable of accepting the enriched or transformed data.

12. The system of claim 11, further comprising a data archiving layer, wherein the data archiving layer is configured to store the enriched or transformed data.

13. The system of claim 11, wherein the data ingestion layer is further configured to receive the data from a load balancer.

14. The system of claim 13, wherein the load balancer is configured to select the data ingestion layer based on geography to minimize latency.

15. The system of claim 11, wherein the at least one customer requirement comprises inserting a new time stamp, replacing an IP address with a host name, and replacing code with a description.

16. The system of claim 11, wherein the enriched/transformed data is pushed or pulled to a customer data store.

17. The system of claim 11, wherein the data store is identified during onboarding.

18. The system of claim 11, wherein a data contract governs the ingestion of the data, the transformation of the data, and the storage of the data.