










































Insurance Claims Data Lakehouse Project Plan

Task Epics

 Epics	Aa Name	 Rollup
1	 <u>Requirement Analysis</u>	1
2	 <u>Project Initialization</u>	1
3	 <u>Design Data Architecture</u>	1
4	 <u>Setup Azure Data Factory and Datalakes</u>	1
5	 <u>Build Bronze Layer</u>	1
6	 <u>Build Silver Layer</u>	1
7	 <u>Build Gold Layer</u>	1
8	 <u>Power BI</u>	1

Tasks

 Task Epics	Aa Name	<input checked="" type="checkbox"/> Checkbox
	<u>Untitled</u>	<input type="checkbox"/>
 <u>Requirement Analysis</u>	<u>Analyze and Understand the Requirements</u>	<input checked="" type="checkbox"/>
 <u>Design Data Architecture</u>	<u>Choose Data Management Approach</u>	<input checked="" type="checkbox"/>
 <u>Design Data Architecture</u>	<u>Design the layers</u>	<input checked="" type="checkbox"/>
 <u>Design Data Architecture</u>	<u>Draw the Data Architecture (Draw.io)</u>	<input checked="" type="checkbox"/>
 <u>Project Initialization</u>	<u>Create Detailed Project Tasks (Notion)</u>	<input checked="" type="checkbox"/>
 <u>Project Initialization</u>	<u>Create GIT Repo and Prepare the structure</u>	<input checked="" type="checkbox"/>
 <u>Project Initialization</u>	<u>Define Project Naming Convention</u>	<input checked="" type="checkbox"/>

Task Epics	Name	Checkbox
 <u>Project Initialization</u>	<u>Create Azure account</u>	<input checked="" type="checkbox"/>
 <u>Project Initialization</u>	<u>Upload dataset to github</u>	<input checked="" type="checkbox"/>
 <u>Build Bronze Layer</u>	<u>Analysis: Source system</u>	<input checked="" type="checkbox"/>
 <u>Build Bronze Layer</u>	<u>Document: Draw Data Flow (Draw.io).</u>	<input checked="" type="checkbox"/>
 <u>Build Bronze Layer</u>	<u>Coding: Data Pipeline and Ingestion</u>	<input checked="" type="checkbox"/>
 <u>Build Bronze Layer</u>	<u>Validation: Data completeness & Schema Checks</u>	<input checked="" type="checkbox"/>
 <u>Build Bronze Layer</u>	<u>Commit to git Repo</u>	<input checked="" type="checkbox"/>
 <u>Setup Azure Data Factory and Datalakes</u>	<u>Create Resource Group</u>	<input checked="" type="checkbox"/>
 <u>Setup Azure Data Factory and Datalakes</u>	<u>Create and configure Storage Account Resource</u>	<input checked="" type="checkbox"/>
 <u>Setup Azure Data Factory and Datalakes</u>	<u>Create and configure Azure Data Factory Resource</u>	<input checked="" type="checkbox"/>
 <u>Setup Azure Data Factory and Datalakes</u>	<u>Create Dedicated Containers for bronze, silver and gold layers</u>	<input checked="" type="checkbox"/>
 <u>Build Silver Layer</u>	<u>Analyse source system</u>	<input checked="" type="checkbox"/>
 <u>Build Silver Layer</u>	<u>Document: Draw Data Flow (Draw.io).</u>	<input checked="" type="checkbox"/>
 <u>Build Silver Layer</u>	<u>configure databricks</u>	<input checked="" type="checkbox"/>
 <u>Build Silver Layer</u>	<u>Create Cluster</u>	<input checked="" type="checkbox"/>
 <u>Build Silver Layer</u>	<u>configure application access and assign role</u>	<input checked="" type="checkbox"/>
 <u>Build Silver Layer</u>	<u>configure application access connection with databricks</u>	<input checked="" type="checkbox"/>
 <u>Build Silver Layer</u>	<u>Document: Integration Model (Draw.io).</u>	<input checked="" type="checkbox"/>
 <u>Build Silver Layer</u>	<u>coding: Data Transformation</u>	<input checked="" type="checkbox"/>
 <u>Build Silver Layer</u>	<u>Validation: Data completeness and checks</u>	<input checked="" type="checkbox"/>
 <u>Build Silver Layer</u>	<u>Commit to Git Repo</u>	<input checked="" type="checkbox"/>
 <u>Build Gold Layer</u>	<u>Analyse source system</u>	<input checked="" type="checkbox"/>
 <u>Build Gold Layer</u>	<u>Document: Draw Data Flow (Draw.io).</u>	<input checked="" type="checkbox"/>

🔗 Task Epics	Aa Name	<input checked="" type="checkbox"/> Checkbox
📊 <u>Build Gold Layer</u>	<u>Configure Azure Synapse Analytics</u>	<input checked="" type="checkbox"/>
📊 <u>Build Gold Layer</u>	<u>Datawarehouse: Create Data warehouse in synapse</u>	<input checked="" type="checkbox"/>
📊 <u>Build Gold Layer</u>	<u>Access Control: Configure managed identity and user permission</u>	<input checked="" type="checkbox"/>
📊 <u>Build Gold Layer</u>	<u>Database: Create Gold database and schema</u>	<input checked="" type="checkbox"/>
📊 <u>Build Gold Layer</u>	<u>View: Create Gold Layer Views</u>	<input checked="" type="checkbox"/>
📊 <u>Build Gold Layer</u>	<u>Tables: Create External Tables</u>	<input checked="" type="checkbox"/>
📊 <u>Build Gold Layer</u>	<u>Document: star schema (Draw.io)</u>	<input checked="" type="checkbox"/>
📊 <u>Build Gold Layer</u>	<u>Validation: Data completeness and checks</u>	<input checked="" type="checkbox"/>
📊 <u>Build Gold Layer</u>	<u>Commit to Git Repo</u>	<input checked="" type="checkbox"/>
📊 <u>Power BI</u>	<u>Configuration: Power BI connection with Azure Synapse Analytics</u>	<input checked="" type="checkbox"/>
📊 <u>Power BI</u>	<u>Display: Chart and Data Analysis</u>	<input checked="" type="checkbox"/>