# Case Study for Insurance Company

# Full Stack Developer- Recruitment

**About Client:**

Asia’s leading Insurance Company is one of a BCG client, offering a range of insurance solutions that meet various life stage needs of customers.

**Problem Statement:**

In the modern age of automation and digitalization, the client wants to create a web application for Insurance Agents who should be able to view the policies on UI. Refer to Part A and B for client requirements.

# PART A

**The User Interface should cover the following aspects:**

1. Search option to look for Policy Details with Policy ID or Customer ID on UI
2. Option to Edit Policy details ( either on new or existing page )
3. Data Validation
4. Should not be allowed to change the Date of Purchase
5. Premium should be editable, but Premium should not be allowed more than 1 million

# PART B

1. Create a visualization graph e.g. bar or line chart for number of policies bought in every month. The user should be given flexibility to select region of choice. ( use some form of charting lib)

*Please note :*

* *Refer dataset ( csv ) for data & attributes, please follow the normalization principles for creating the Database*
* *UI should be client presentable*
* *Code should be structured & scalable with proper comments*
* *Backend should use Python related frameworks*