**PowerBI Assessment**

Requirement is to create PowerBI dashboard based on sample data azure\_sample\_data\_v1.xlsx.  
Expectations to the dashboard:

* High quality of dashboard design, stylish and user-friendly interface, intuitive
* High attention to the detail
* Combines various types of visuals; visuals are picked in line with what fits best for reflecting the expected message of the diagram
* Minimum visuals, maximum value: space efficient

The dashboard should answer the below business questions:

1. **Resource Utilization**
   * Which zones have the highest number of active resources?
   * How is resource usage distributed across resource types and categories?
2. **Billing and Contact Efficiency**
   * Are there any inconsistencies or gaps in the system or billing contacts for resources?
   * How many resources lack proper assignment to business lines or have inactive statuses?
3. **Regional Analysis**
   * What is the distribution of resources across different geographic locations (zones and cities)?
   * Are certain zones or locations experiencing more inactive resources?
4. **Category and Type Insights**
   * Which resource categories and types are most commonly used in each business line?
   * Are there patterns in resource usage based on specific resource groups?
5. **Business Line Performance**
   * Which business lines are managing the most resources?
   * What are the total active resources under the organization, I should be able to drill down to see the count of active resources on business area and again can drill down to business level and finally can drill through to see the tabular view of the selected data.  
       
     Hint : From the sample data  
     STS MKT BL  
       
     STS is organization here  
     MKT is the business area  
     BL is the business level
6. **System Maintenance**
   * How many resources have been added or modified over time (e.g., load date-time trends)?
   * Are there patterns in inactive or disabled resources that require attention?
7. **Subscription and Tenant Insights**
   * Which subscriptions or tenants manage the most resources?
   * Are there any subscriptions with a high percentage of inactive or disabled resources?

In case of any questions about the task, please send them to the HR contact.