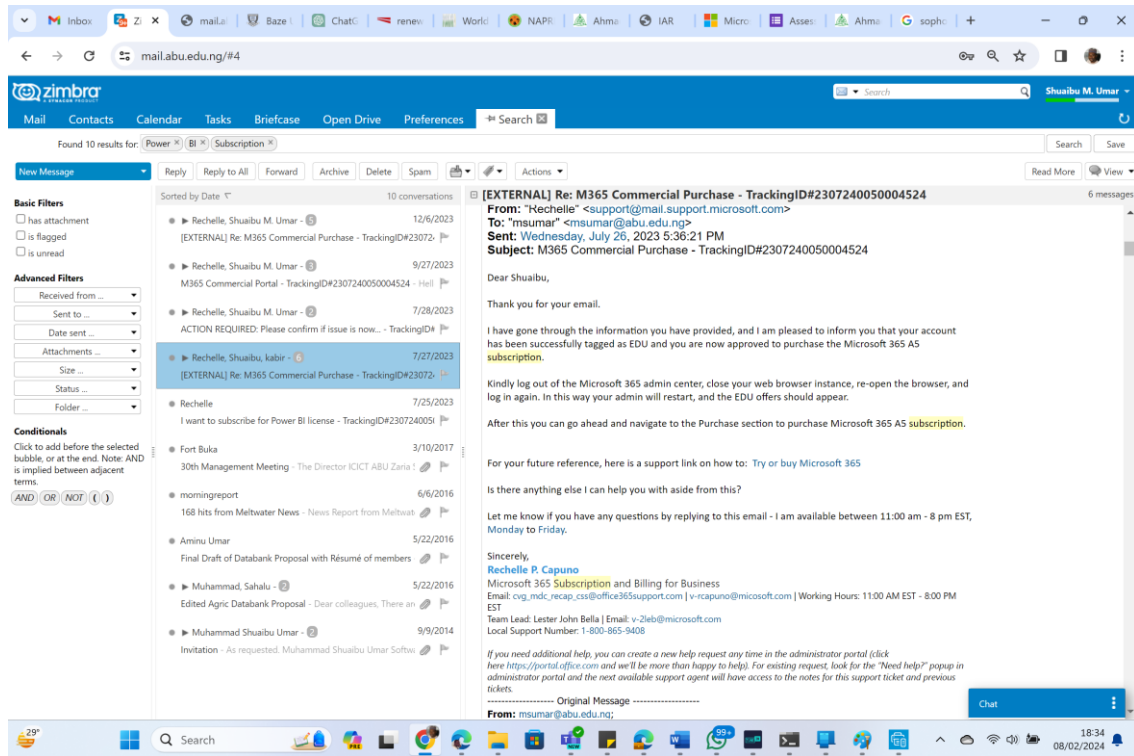


INSTITUTIONAL DATA AGGREGATED IN CLOUD

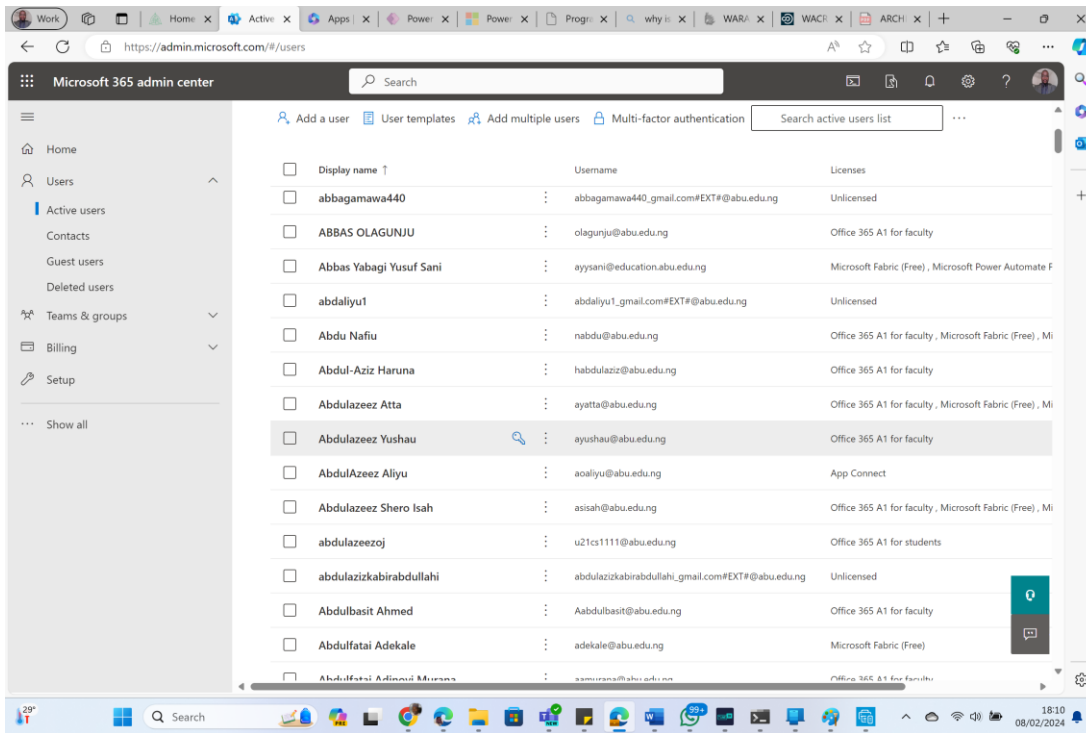
1: Acquisition of Data Analytics

Microsoft has offered the Microsoft 365 A1 for Education license to Ahmadu Bello University, which consists of several applications in the suite: Word, Excel, PowerPoint, Power BI, SharePoint, Teams, Forms and others. Faculty members and students were given a combined 60,000 licenses. So far, over 5,000 accounts have been created on Microsoft 365.

Below is the email conversation with a Microsoft personnel conveying the approval of the license.



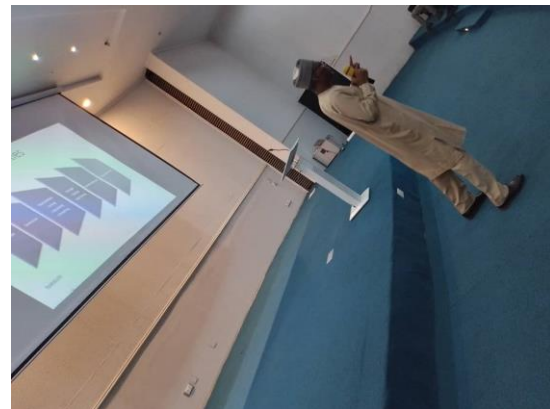
Microsoft 365 Account Creation Window

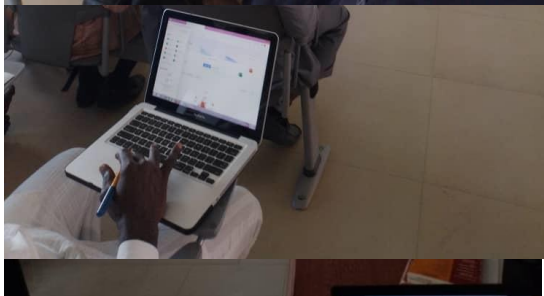
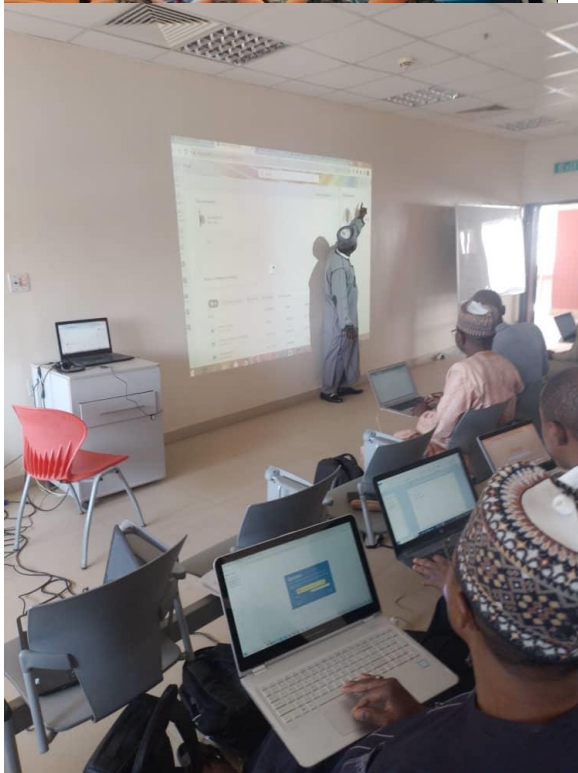


2: Training in Data Collection - Microsoft Forms and the use of Human Resources, Staff and Students' Portals

The training was conducted for some selected staff from academic departments, the Registry and Management Information System unit of the University.

Some training photos





3: Data Repository: Data Repository for staff and students have been created. Access is provided to the dumped files in text formats (mostly CSV) or using data access methods such as ODBC, DSN, etc.

4: Training on Data Analytics – Microsoft Power BI

The training in milestone 2 has been extended to include Microsoft Power BI for registration officers at faculties, MIS staff and some Registry staff. Data sources from the repository were used in the training, where participants were given read-only access to develop their data sources in Power BI. About 300 personnel of the university received training in a span of three days.

5: Enhancement of Data Security

Cybersecurity experts were encouraged to audit the security of our IT infrastructure and services. A report was submitted, and measures proposed were implemented. The report is attached to this report.

6: Decision makers Training

Deans, directors, head of departments and members of the University Management received training on access to information and visualized information.

7. Conclusion

It is important to note that N10 million Naira has been made available for the following:

- Network and Security Improvement
- Cloud Storage
- Data Analytics Tool license

Since the University obtained Microsoft 365 A1 for Education from Microsoft, which is a free service, the provision of Data Analytics tool was added to the Network improvement. Similarly, the N1 million for cloud storage was used in Network improvement since the power in the University's Data Centre became stabilized. That means, about N10m has been spent in network improvements across faculties and hostels. That has significantly improved access to the University's infrastructure and information resources. Faculties that have been disconnected from the university's network due to faulty network equipment had their connectivity restored.

The accompanying Excel spreadsheet summarises where installations of network have been made.