

Report Automation

Puranjoy Patra,

I have a quick ad-hoc task for you.

One of our clients in the Network services domain is currently creating a weekly report manually. This process can be automated, and we can help them save time.

I've provided you with two Excel sheets - "network_data.csv" and "activity_data.csv", containing data related to our client's network operations. Your task is to use Power Query to manipulate and transform the data from these files and create a new table that meets the specified format.

To achieve the desired format, you'll need to use a variety of Power Query techniques, such as pivoting, transforming, merging, and manipulating headers.

Input Data

network data			activity data		
city	network_id	network_status	city	network_id	activity_status
Mumbai	MuGNZXJ2	Pending Activation	Mumbai	Mu2YTVME	Network Auditing
Mumbai	MuXN8JT4	Outage	Mumbai	MuWZTXY	New Installation
Mumbai	MuL74A77	Issue Reported	Mumbai	Mu0N7ZPH	Network Auditing
Mumbai	Mu30F944	Issue Reported	Mumbai	Mu6ZCS6H	New Installation
Mumbai	MuTAFIAM	Outage	Mumbai	MuYN477S	Network Expansion
Mumbai	Mu82RAKW	Outage	Mumbai	Mu5IWQOZ	New Installation
Mumbai	Mu2N0401	Connected	Mumbai	MuDHNU6G	Network Expansion
Mumbai	MuZU004L	Issue Reported	Mumbai	MuAJS4YY	Maintenance Work
Mumbai	MuXESO25	Suspended	Mumbai	MuCOZ57S	Network Expansion
Mumbai	MuLQ4F4D	Pending Activation	Mumbai	MuD6HO5J	Network Expansion
Mumbai	Mu54HSCQ	Issue Reported	Mumbai	MuGQXZ50	Network Auditing
Mumbai	MuJTTSNG	Issue Reported	Mumbai	MuBC2Q3R	Network Expansion
Mumbai	Mu9R8UI2	Issue Reported	Mumbai	MuM4617R	Network Auditing
Mumbai	MuI730PT	Connected	Mumbai	Mu6X2JYQ	Network Expansion
Mumbai	MuJ4NDGJ	Connected	Mumbai	Mu9240ZO	Network Auditing
Mumbai	MuU8DFPX	Issue Reported	Mumbai	MuCBZKCL	Network Auditing
Mumbai	Mu4VEXFD	Issue Reported	Mumbai	MuI28HZY	Shifting
Mumbai	MuOUN36B	Connected	Mumbai	MuZLPJ3S	Network Auditing
Mumbai	MuMTFHRZ	Pending Activation	Mumbai	MuH462K5	Network Expansion
Mumbai	MuOP3K9I	Suspended	Mumbai	Mu5BFK33	Network Expansion
			Mumbai	MuEVVG9K	Network Expansion

Output Data

Network Analysis:										
final_output										
City	Connected	Issue Reported	Outage	Pending Activation	Suspended	Maintenance Work	Network Auditing	Network Expansion	New Installation	Shifting
Mumbai										
Delhi										
Bengaluru										
Hyderabad										
Chennai										
Kolkata										
Ahmedabad										
Pune										
Jakarta										
Lucnow										

Please complete this task as soon as possible. If you need any assistance, feel free to reach out to your seniors.

Best regards,



Hem

Head of Data Analytics | AtliQ Technologies Pvt. Ltd.

Website: www.atliq.com