

Cloud Computing project

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the 'Microsoft Azure' logo, a search bar, and a user profile for '60107216@udst.edu.qa'. The main content area displays the 'lakehouse' container overview. On the left, a sidebar contains links for 'Overview', 'Diagnose and solve problems', 'Access Control (IAM)', and 'Settings'. The main panel shows the 'lakehouse' container with a search bar and a table of blobs. The table has columns for Name, Last modified, Access tier, Blob type, Size, and Lease state. Three blobs are listed: 'gold', 'raw', and 'silver', all with a last modified date of 11/17/2025.

Name	Last modified	Access tier	Blob type	Size	Lease state
gold	11/17/2025, 9:14:35 PM				...
raw	11/17/2025, 7:25:41 PM				...
silver	11/17/2025, 9:14:23 PM				...

This screenshot shows a more detailed view of the 'lakehouse' container. The breadcrumb navigation at the top of the main panel indicates the path: 'lakehouse > gold > monthly_precipitation_debilt > _delta_log'. The table below shows four items, including directories like '[_]', '__tmp_path_dir', and '__staged_commits', as well as two 'Block blob' files. The files have names starting with '000000000000...' and are both 2.83 KiB and 1.82 KiB in size, with a 'Hot (Inferred)' access tier and an 'Available' lease state.

Name	Last modified	Access tier	Blob type	Size	Lease state
[_]					...
__tmp_path_dir	11/17/2025, 9:14:38 PM				...
__staged_commits	11/17/2025, 9:14:35 PM				...
000000000000...	11/17/2025, 9:14:38 PM	Hot (Inferred)	Block blob	2.83 KiB	Available
000000000000...	11/17/2025, 9:14:38 PM	Hot (Inferred)	Block blob	1.82 KiB	Available

Microsoft Azure portal interface showing the 'lakehouse' container. The breadcrumb path is 'lakehouse > raw > daily_weather'. The authentication method is 'Access key'. The search bar is empty. The table displays 9 items, all of which are 'prcp_nl_2014...' through 'prcp_nl_2022...'. The columns are Name, Last modified, Access tier, Blob type, Size, and Lease state.

Name	Last modified	Access tier	Blob type	Size	Lease state
[.]					
prcp_nl_2014...	11/17/2025, 9:04:31 PM	Hot (Inferred)	Block blob	11.96 KiB	Available
prcp_nl_2015...	11/17/2025, 9:04:33 PM	Hot (Inferred)	Block blob	11.98 KiB	Available
prcp_nl_2016...	11/17/2025, 9:04:35 PM	Hot (Inferred)	Block blob	12.01 KiB	Available
prcp_nl_2017...	11/17/2025, 9:04:37 PM	Hot (Inferred)	Block blob	11.98 KiB	Available
prcp_nl_2018...	11/17/2025, 9:04:39 PM	Hot (Inferred)	Block blob	11.93 KiB	Available
prcp_nl_2019...	11/17/2025, 9:04:41 PM	Hot (Inferred)	Block blob	11.98 KiB	Available
prcp_nl_2020...	11/17/2025, 9:04:43 PM	Hot (Inferred)	Block blob	12 KiB	Available
prcp_nl_2021...	11/17/2025, 9:04:45 PM	Hot (Inferred)	Block blob	11.29 KiB	Available
prcp_nl_2022...	11/17/2025, 9:04:47 PM	Hot (Inferred)	Block blob	7.54 KiB	Available

Microsoft Azure portal interface showing the 'lakehouse' container. The breadcrumb path is 'lakehouse > silver > daily_prdp_deblit'. The authentication method is 'Access key'. The search bar is empty. The table displays 6 items, including '_delta_log' and 'part-0000-461...' through 'part-00004-0cf9...'. The columns are Name, Last modified, Access tier, Blob type, Size, and Lease state.

Name	Last modified	Access tier	Blob type	Size	Lease state
[.]					
_delta_log	11/17/2025, 9:14:23 PM				
part-0000-461...	11/17/2025, 9:14:26 PM	Hot (Inferred)	Block blob	2.47 KiB	Available
part-00001-d02...	11/17/2025, 9:14:26 PM	Hot (Inferred)	Block blob	2.44 KiB	Available
part-00002-c4e...	11/17/2025, 9:14:26 PM	Hot (Inferred)	Block blob	2.37 KiB	Available
part-00003-813...	11/17/2025, 9:14:26 PM	Hot (Inferred)	Block blob	2.39 KiB	Available
part-00004-0cf9...	11/17/2025, 9:14:26 PM	Hot (Inferred)	Block blob	1.73 KiB	Available