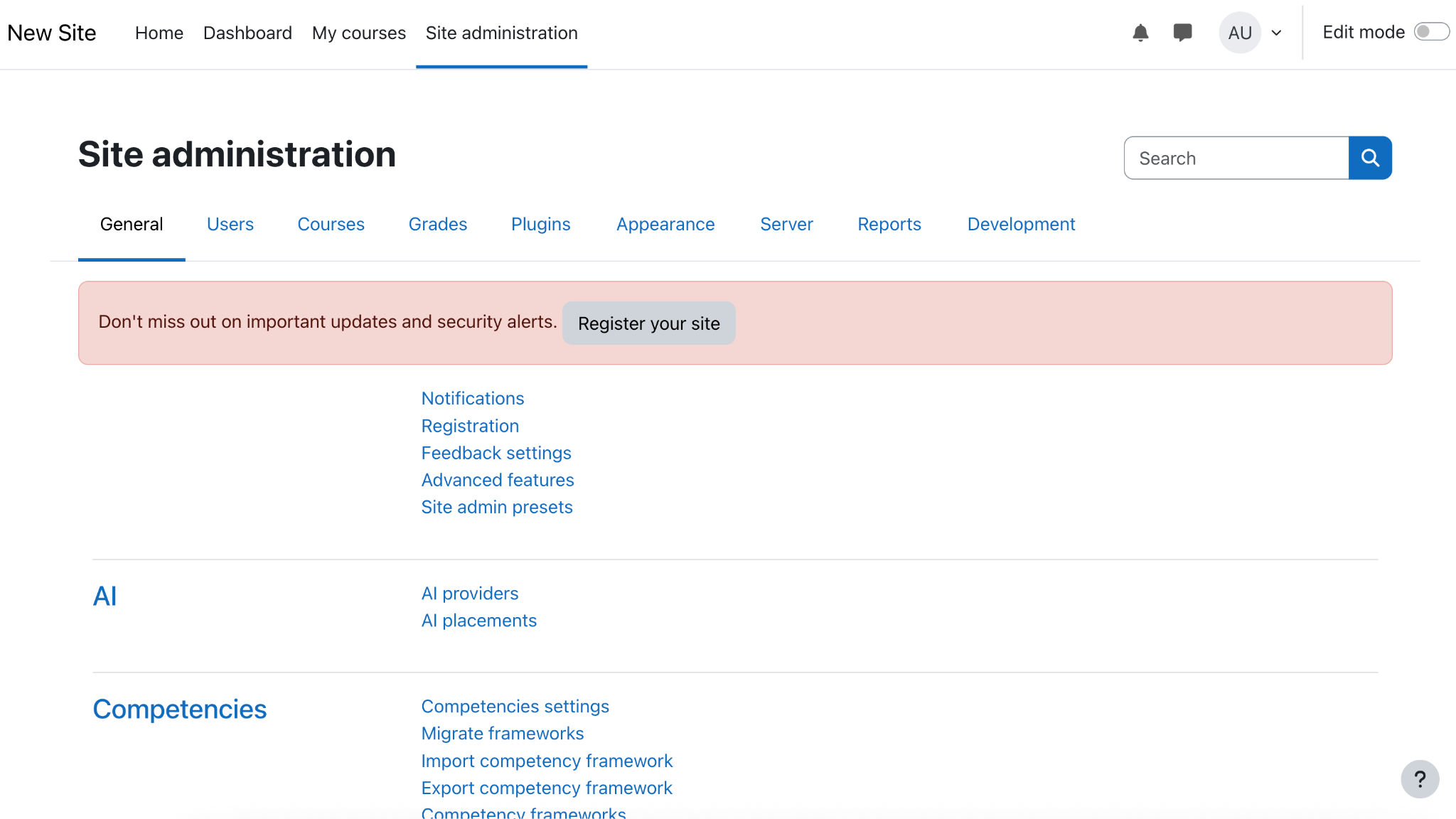
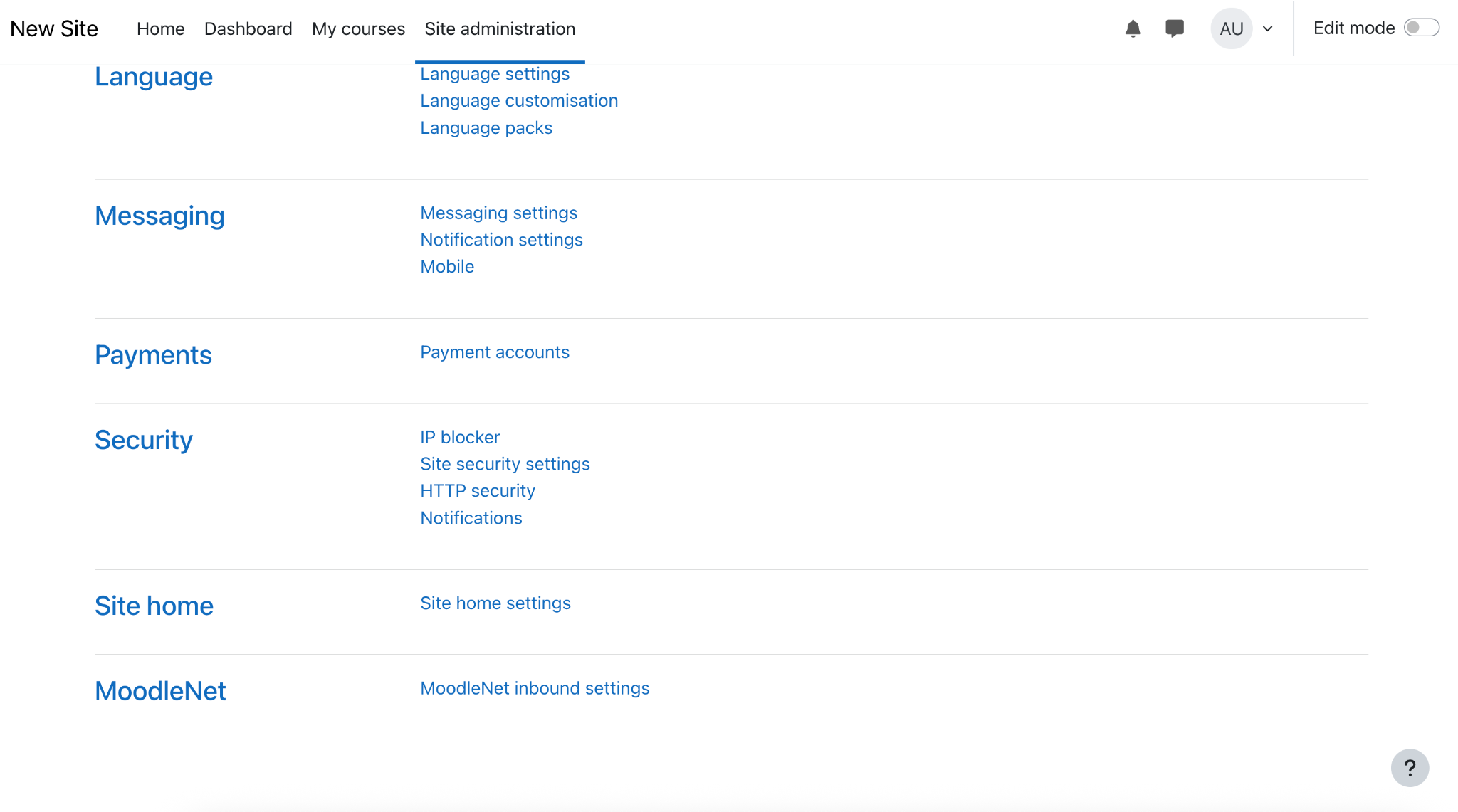
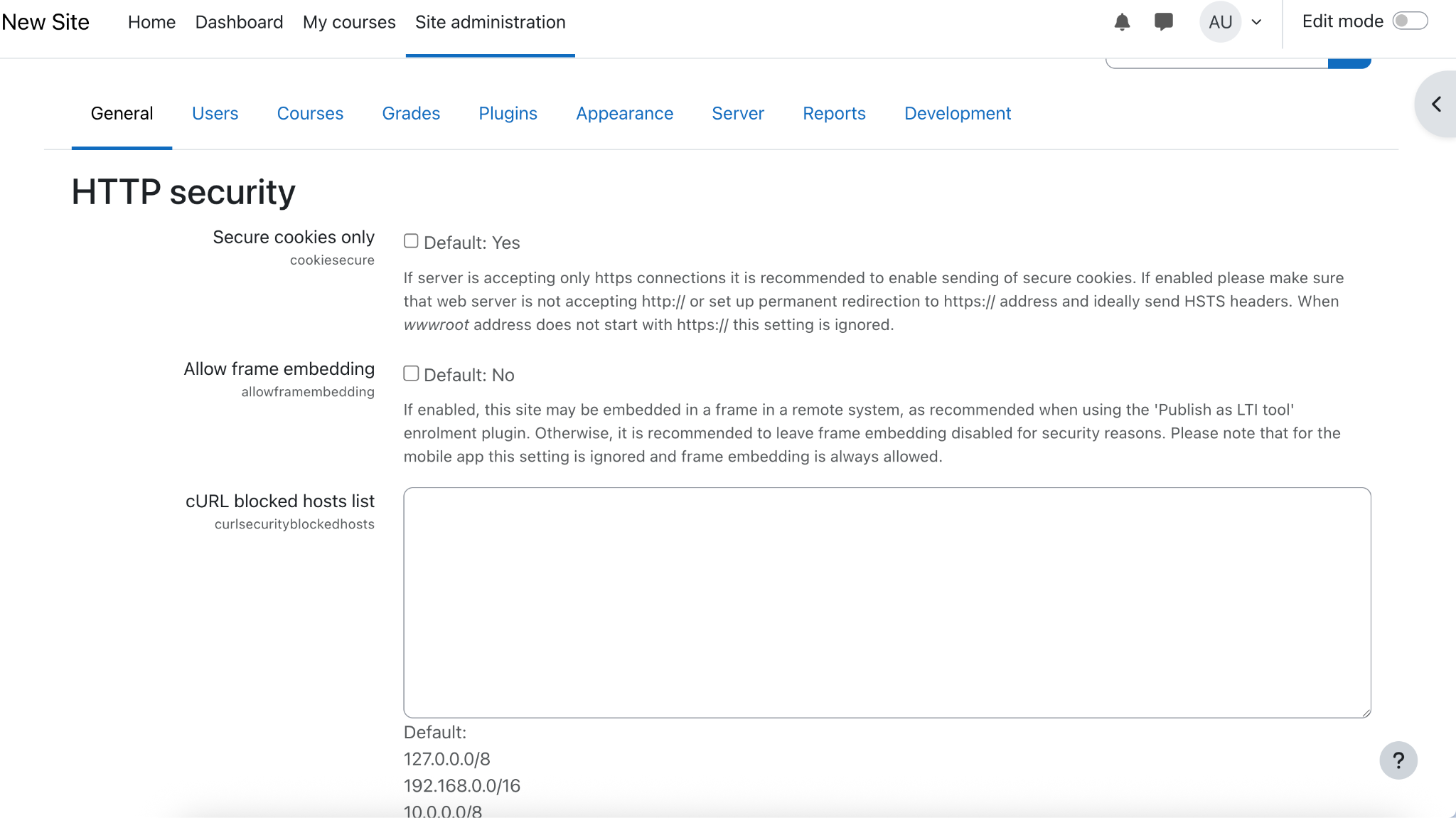
1. Ensure you have the moodle instance running and you are logged in as admin
   1. To log in as admin navigate to the top right corner and sign in using the moodle username and password in the moodle.yaml file
2. Unblock HTTPS on Moodle
   1. Navigate to “Site Administration” and “General”



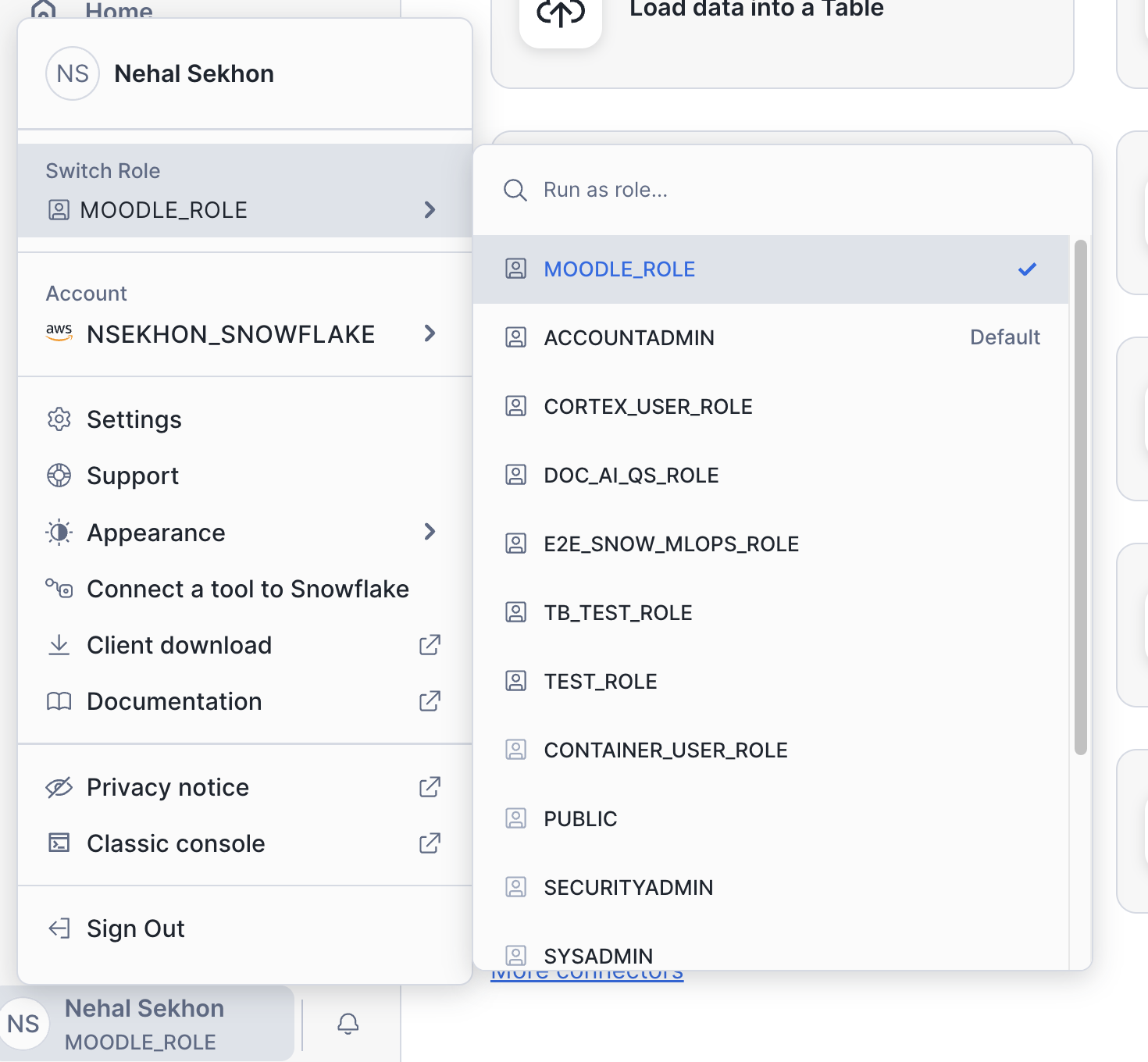
* 1. Scroll down to the “Security” section and click on “HTTP Security”



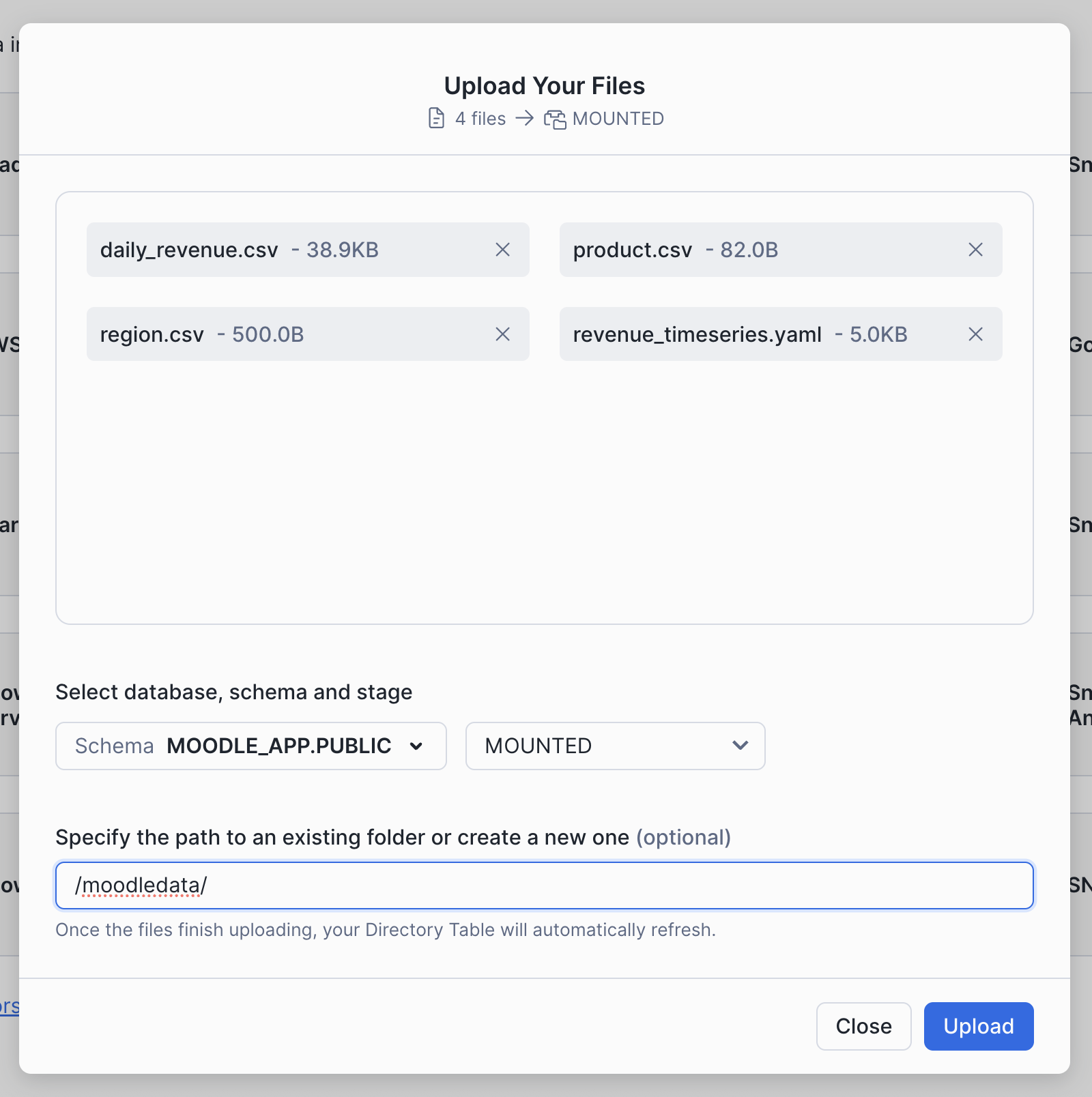
* 1. Uncheck “Secure cookies only” and delete and the IP addresses in “cURL blocked hosts list” and save your changes with the “Save Changes” button at the bottom of the page



1. Download the data files in this folder: [Data Files](https://drive.google.com/drive/folders/1GKxbWK8ZTO3Dz-X4Thz83u9fjJYfhiD9)
2. Ensure that you have the “moodle\_role” role selected



1. Navigate to the Snowflake snowsight and on the left navigation bar hover over the “Data” tab (has a database icon) and click on “add data”
2. Click on “Load files into a stage” and fill in the fields as below and upload (NOTE: Ensure that you specify the path to a folder correctly)



1. Run the following commands in Snowflake Snowsight

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USE ROLE SECURITYADMIN;

GRANT DATABASE ROLE SNOWFLAKE.CORTEX\_USER TO ROLE moodle\_role;

USE ROLE MOODLE\_ROLE;

USE DATABASE moodle\_app;

-- Fact table: daily\_revenue

CREATE OR REPLACE TABLE moodle\_app.public.daily\_revenue (

date DATE,

revenue FLOAT,

cogs FLOAT,

forecasted\_revenue FLOAT,

product\_id INT,

region\_id INT

);

-- Dimension table: product\_dim

CREATE OR REPLACE TABLE moodle\_app.public.product\_dim (

product\_id INT,

product\_line VARCHAR(16777216)

);

-- Dimension table: region\_dim

CREATE OR REPLACE TABLE moodle\_app.public.region\_dim (

region\_id INT,

sales\_region VARCHAR(16777216),

state VARCHAR(16777216)

);

COPY INTO moodle\_app.public.DAILY\_REVENUE

FROM @MOODLE\_APP.PUBLIC.MOUNTED

FILES = ('moodledata/daily\_revenue.csv')

FILE\_FORMAT = (

TYPE=CSV,

SKIP\_HEADER=1,

FIELD\_DELIMITER=',',

TRIM\_SPACE=FALSE,

FIELD\_OPTIONALLY\_ENCLOSED\_BY=NONE,

REPLACE\_INVALID\_CHARACTERS=TRUE,

DATE\_FORMAT=AUTO,

TIME\_FORMAT=AUTO,

TIMESTAMP\_FORMAT=AUTO

EMPTY\_FIELD\_AS\_NULL = FALSE

error\_on\_column\_count\_mismatch=false

)

ON\_ERROR=CONTINUE

FORCE = TRUE ;

COPY INTO moodle\_app.public.PRODUCT\_DIM

FROM @MOODLE\_APP.PUBLIC.MOUNTED

FILES = ('moodledata/product.csv')

FILE\_FORMAT = (

TYPE=CSV,

SKIP\_HEADER=1,

FIELD\_DELIMITER=',',

TRIM\_SPACE=FALSE,

FIELD\_OPTIONALLY\_ENCLOSED\_BY=NONE,

REPLACE\_INVALID\_CHARACTERS=TRUE,

DATE\_FORMAT=AUTO,

TIME\_FORMAT=AUTO,

TIMESTAMP\_FORMAT=AUTO

EMPTY\_FIELD\_AS\_NULL = FALSE

error\_on\_column\_count\_mismatch=false

)

ON\_ERROR=CONTINUE

FORCE = TRUE ;

COPY INTO moodle\_app.public.REGION\_DIM

FROM @MOODLE\_APP.PUBLIC.MOUNTED

FILES = ('moodledata/region.csv')

FILE\_FORMAT = (

TYPE=CSV,

SKIP\_HEADER=1,

FIELD\_DELIMITER=',',

TRIM\_SPACE=FALSE,

FIELD\_OPTIONALLY\_ENCLOSED\_BY=NONE,

REPLACE\_INVALID\_CHARACTERS=TRUE,

DATE\_FORMAT=AUTO,

TIME\_FORMAT=AUTO,

TIMESTAMP\_FORMAT=AUTO

EMPTY\_FIELD\_AS\_NULL = FALSE

error\_on\_column\_count\_mismatch=false

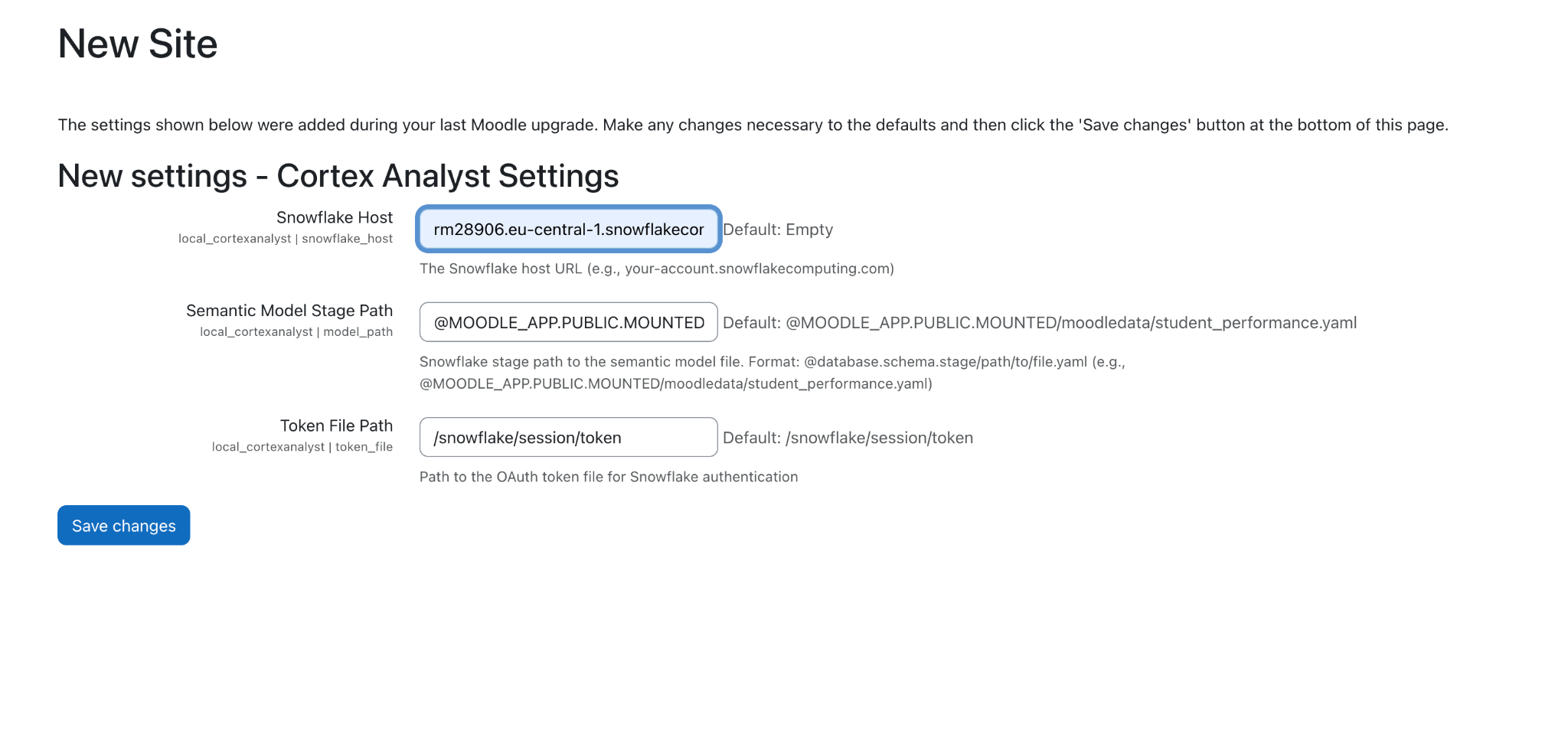
)

ON\_ERROR=CONTINUE

FORCE = TRUE ;

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1. Download cortexanalyst.zip and install the plug in following the instructions [Moodle Plugin Installation Guide](https://docs.google.com/document/d/1d3pSE2xtdJ-uHx__we4_w6Q8Kxutkt6hPldRUy471y0/edit?tab=t.0)
2. During the installation process you will be asked to add the snowflake hostname



1. Navigate to <ingressurl>/local/cortexanalyst/index.php
2. Sample question to ask
   1. For each month, what was the lowest daily revenue and on what date did that lowest revenue occur?