

AWS RDS CONNECT:

```
# DATABASE
#####
# Retrieve database credentials from secrets.toml
server = st.secrets["server"]
database = st.secrets["database"]
username = st.secrets["username"]
password = st.secrets["password"]

# Construct the connection string using pymysql dialect
connection_string = f"mysql+pymysql://{username}:{password}@{server}/{database}"

def get_connection():
    return create_engine(connection_string)

# Get database connection
engine = get_connection()

def load_data():
    query = """
        SELECT * FROM sentiment_analysis;
    """
    try:
        df = pd.read_sql(query, engine)
        return df
    except Exception as e:
        st.error(f"Error loading data from the database: {e}")
        return pd.DataFrame()

# Load data from the database
df = load_data()
```