Muhammad Bilal Khan
bilal.khan@live.com

**Assignment day 13 - List some data profiling libraries.**

Here are some Data profiling libraries:

- Pandas profiling - Generates profile reports for DataFrames including statistics, correlations, missing values etc.
- Great_expectations - Validates data meets expectations. Helps build documentation of data quality.
- Dataprofiler - Contains profiling functions to analyze different aspects of a dataset.
- PyEDA - Collection of exploratory data analysis tools like visualization, transformation etc.
- Numpydoc - Extracts metadata from NumPy/SciPy style docstrings for profiling.
- Featuretools - Automates feature engineering workflows including entityset profiling.
- Datashape - Checks and infers data types for cleaning and validating datasets.
- Sixpack - Monitoring and alerting for data quality and profiling using notebooks.
- Divi - Visualizes and explores nested, relational datasets including missing value analysis.