Classification 1:

All dates, turbidity grouped by 10, all months

* Merged\_with\_groupby\_10
  + Groupby increment of 10
  + Export 1\_turbidity.csv
* Classification\_1

A picture containing text, screenshot, number, font

Description automatically generated

Classification 2:

All dates, turbidity grouped by 5, all months

* merged\_with\_groupby\_5
  + Groupby increment of 5
  + Export 2\_turbidity.csv
* Classification\_2

A picture containing text, number, screenshot

Description automatically generated

Classification 3:

All dates, turbidity grouped by 10, summer months

* PySpark Summer
  + Import 1\_turbidity.csv
  + Export 3\_summer\_turbidity.csv
* Classification\_3

A picture containing text, screenshot, font, number

Description automatically generated

Classification 4:

All dates, turbidity grouped by 5, summer months

* PySpark Summer
  + Import 2\_turbidity.csv
  + Export 4\_summer\_turbidity.csv
* Classification\_4

A picture containing text, screenshot, number, font

Description automatically generated

Classification 5:

Daily aggregate, turbidity grouped by 10, all months

* Merged\_with\_averages\_and\_groupby\_10
  + Groupby increment of 10
  + Export 5\_turbidity.csv
* Classification\_5

A picture containing text, screenshot, font, number

Description automatically generated

Classification 6:

Daily aggregate, turbidity grouped by 5, all months

* Merged\_with\_averages\_and\_groupby\_5
  + Groupby increment of 5
  + Export 6\_turbidity.csv
* Classification\_6

A picture containing text, screenshot, number, font

Description automatically generated

Classification 7:

Daily Aggregate, Turbidity group by 10, Summer Months Only

* PySpark Summer
  + Import 5\_turbidity.csv
  + Export 7\_summer\_turbidity.csv
* Classification\_7

A picture containing text, screenshot, font, number

Description automatically generated

Classification:

Daily Aggregate, Turbidity group by 5, Summer Months Only

* PySpark Summer
  + Import 5\_turbidity.csv
  + Export 7\_summer\_turbidity.csv
* Classification\_7

A picture containing text, screenshot, number, font

Description automatically generated