

TP3 : Aggregate transformation in SSIS

Matière: Data Integration Services

Classe : 2BI \ 2 Master DS

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Objectifs:

1. Appliquer le composant aggregate in SSIS

Travail demandé:

- Calculer:
- **Bonus_Min** : La valeur min de la colonne Bonus
- **CommissionPct_sum** : La somme de la colonne CommissionPCT
- **SalesYTD_avg** : La moyenne de la colonne SalesYTD
- **SalesLastYear_Max** : La valeur max de SalesLastYear

Les Etapes

1. Créer un nouveau package Aggregate
2. Ajouter OLE DB Source(ou bien la creation de table salesPerson si elle n'existe pas) voir sources aggregate
3. new connection> new localHost ADV

new> sql commands:

```
SELECT *  
FROM [adv].[Sales].[SalesPerson]
```

4. Ajouter le composant Aggregate
5. Ajouter le composant flat file destination
6. Delimited file
7. Browse : nouveau fichier .txt : outputaggregate.txt
8. Columns names in the first data row
9. **Le resultat** : Bonus,CommissionPct_sum,SalesYTD_avg,SalesLastYear_Max

10.0,0,2,2133976,2396539,7601

Aggregate Transformation Editor

Aggregations Advanced

Configure the properties used to perform group by operations and to calculate aggregate values. Optionally, apply comparison options to the operation. To configure multiple group by operations, click Advanced.

Advanced

Available Input Columns

- ☒ Name
- ☐ SalesQuota
- ☒ Bonus
- ☒ CommissionPct
- ☒ SalesYTD
- ☒ SalesLastYear
- ☐ rowguid
- ☐ ModifiedDate

Input Column	Output Alias	Operation	Comparison
Bonus	Bonus	Minimum	
CommissionPct	CommissionPct_sum	Sum	
SalesYTD	SalesYTD_avg	Average	
SalesLastYear	SalesLastYear_Max	Maximum	

OK Cancel Help



