



SAP  
Australian  
User  
Group



SQLconsolidate

```
1 SELECT
2   \_CARRIER-NAME AS NAME,
3   Count( * ) as NumberOfFlights,
4   SUM( ZI_TE_FLIGHT-SEATSOCC ) as EconomyOccupied,
5   SUM( ZI_TE_FLIGHT-SEATSOCC_B ) as BusinessOccupied,
6   SUM( ZI_TE_FLIGHT-SEATSOCC_F ) as FirstClassOccupied
7 FROM
8   ZI_TE_FLIGHT
9 GROUP BY \_CARRIER-NAME
10 ORDER BY NumberOfFlights DESCENDING
```

2017-08-19 20:01:37.731 - Query successfully executed in 1.008000 ms (server processing time).  
 SELECT  
 \\_CARRIER-NAME AS NAME,  
 COUNT( \* ) AS NUMEROFFLIGHTS,  
 SUM(ZI\_TE\_FLIGHT-SEATSOCC) AS ECONOMYOCCUPIED,  
 SUM(ZI\_TE\_FLIGHT-SEATSOCC\_B) AS BUSINESSOCCUPIED,  
 SUM(ZI\_TE\_FLIGHT-SEATSOCC\_F) AS FIRSTCLASSOCCUPIED  
 FROM  
 ZI\_TE\_FLIGHT  
 GROUP BY  
 \\_CARRIER-NAME  
 ORDER BY  
 NUMEROFFLIGHTS DESCENDING  
 INTO TABLE @DATA\T\_RESULT  
 UP TO 100 ROWS.

NAME	NUMEROFFLIGHTS	ECONOMYOCCUPIED	BUSINESSOCCUPIED	FIRSTCLASSOCCUPIED
LH - Lufthansa	71	16,225	1,175	775
UA - United Airlines	59	16,700	1,174	756
AZ - Alitalia	52	12,455	850	589
SQ - Singapore Airlines	52	12,313	873	994
DL - Delta Airlines	39	9,569	728	482
JL - Japan Airlines	26	7,294	519	348
QF - Qantas Airways	26	5,029	440	271
AA - American Airlines	26	6,335	540	364

A blue starburst shape with a dark blue outline, featuring the text "Powerful Stuff" in white, centered within the starburst.

Powerful  
Stuff



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# SQL Console

Powerful  
Stuff

2017-06-19 20:01:37.731 - Query successfully executed in 1.630000 ms (server processing time)

```
SELECT
  \_CARRIER-NAME AS NAME,
  COUNT(*) AS NumberOfFlights,
  SUM(ZI_TE_FLIGHT-SEATSOCC_E) AS EconomyOccupied,
  SUM(ZI_TE_FLIGHT-SEATSOCC_B) AS BusinessOccupied,
  SUM(ZI_TE_FLIGHT-SEATSOCC_F) AS FirstClassOccupied
FROM
  ZI_TE_FLIGHT
GROUP BY \_CARRIER-NAME
ORDER BY NumberOfFlights DESCENDING
```

8 rows retrieved - 1 ms

NAME	NUMBEROFFLIGHTS	ECONOMYOCCUPIED	BUSINESSOCCUPIED	FIRST
LH - Lufthansa	71	16,225	1,175	14
UA - United Airlines	59	16,758	1,174	46
AZ - Alitalia	52	12,435	850	89
SQ - Singapore Airlines	52	12,313	879	904
DL - Delta Airlines	39	9,369	729	462
JL - Japan Airlines	26	7,294	519	348
QF - Qantas Airways	26	5,009	440	271
AA - American Airlines	26	6,335	540	364

SELECT  
\\_CARRIER-NAME AS NAME,  
COUNT(\*) AS NUMBEROFFLIGHTS,  
SUM(ZI\\_TE\\_FLIGHT-SEATSOCC\\_E) AS ECONOMYOCCUPIED,  
SUM(ZI\\_TE\\_FLIGHT-SEATSOCC\\_B) AS BUSINESSOCCUPIED,  
SUM(ZI\\_TE\\_FLIGHT-SEATSOCC\\_F) AS FIRSTCLASSOCCUPIED  
FROM  
ZI\\_TE\\_FLIGHT  
GROUP BY  
\\_CARRIER-NAME  
ORDER BY  
NUMBEROFFLIGHTS DESCENDING  
INTO TABLE @DATA(RESULT)  
UP TO 100 ROWS.



## ABAP CDS - ABAP Annotations

CDS annotations that are evaluated by ABAP runtime:

- *AbapCatalog Annotations*
- *AccessControl Annotations*
- *ClientDependent Annotations*
- *DataAging Annotations*
- *EndUserText Annotations*
- *Environment Annotations*
- *MappingRole Annotations*
- *Metadata Annotations*
- *Semantics Annotations*

## Framework-Specific Annotations

CDS annotations that (as a rule) are evaluated during runtime by specific frameworks such as **SADL**, **BOPF**, **Analytics**, or **Enterprise Search**:

- *Analytics Annotations*
- *AnalyticsDetails Annotations*
- *Consumption Annotations*
- *DefaultAggregation Annotations*
- *EnterpriseSearch Annotations*
- *Hierarchy Annotations*
- *ObjectModel Annotations*
- *OData Annotations*
- *Search Annotations*
- *Semantics Annotations*
- *UI Annotations*
- *VDM Annotations*

