```sql
/*
Write a query to return a result set which includes:
- revenue by year of each product line.
- revenue of each product line (of all years).
- revenue of all product lines (of all years).
*/

WITH productLineRevenue AS (
    SELECT
        p.productLine,
        YEAR(o.orderDate) AS orderYear,
        SUM(d.quantityOrdered * d.priceEach) AS revenue,
        GROUPING(p.productLine) AS all_productLines,
        GROUPING(YEAR(o.orderDate)) AS all_years
    FROM
        products AS p
    INNER JOIN
        orderdetails AS d
        USING(productCode)
    INNER JOIN
        orders AS o
        USING(orderNumber)
    GROUP BY
        p.productLine,
        YEAR(o.orderDate)
    WITH ROLLUP
)
SELECT
    IF(all_productLines, "_TOTAL_", productLine) AS productLine,
    CASE
        WHEN all_years AND all_productLines THEN ""
        WHEN all_years THEN "_all_years_"
        ELSE orderYear
    END AS orderYear,
    revenue
FROM
    productLineRevenue;
```

Result Grid

productLine	orderYear	revenue
Classic Cars	2003	1374832.22
Classic Cars	2004	1763136.73
Classic Cars	2005	715953.54
Classic Cars	_all_years_	3853922.49
Motorcycles	2003	348909.24
Motorcycles	2004	527243.84
Motorcycles	2005	245273.04
Motorcycles	_all_years_	1121426.12
Planes	2003	309784.2
Planes	2004	471971.46
Planes	2005	172881.88
Planes	_all_years_	954637.54
Ships	2003	222182.08
Ships	2004	337326.1
Ships	2005	104490.16
Ships	_all_years_	663998.34
Trains	2003	65822.05
Trains	2004	96285.53
Trains	2005	26425.34
Trains	_all_years_	188532.92
Trucks and Buses	2003	376657.12
Trucks and Buses	2004	465390
Trucks and Buses	2005	182066.45
Trucks and Buses	_all_years_	1024113.57
Vintage Cars	2003	619161.48
Vintage Cars	2004	854551.85
Vintage Cars	2005	323846.3
Vintage Cars	_all_years_	1797559.63
TOTAL		9604190.61