多维分析屏蔽维度本维钻取

- 案例说明
- 实验步骤

案例说明

多维分析屏蔽维度本维钻取可以通过宏实现，如当选择[商店]维度不能本维度的上钻、下钻，只能钻取到其它维度，屏蔽前后的效果对比如下：

屏蔽前效果

每页 1000 行 < 1 >

商店	销售量	销售成本	销售额	利润
总店				
店面7	3,261	1,522,400.21	2,828,617.60	2,206,208.39
店面14				371.47
店面6				989.84
店面24				671.59
店面13				457.65
店面11				444.48
店面17	4,828	2,284,542.		672.36
店面23	1,534	720,690.		594.86
店面15	3,266	1,584,704.		047.68
店面3	3,340	1,616,696.36	4,075,076.70	2,458,380.34
店面16	3,120	1,430,964.87	3,584,471.50	2,153,506.64
店面2	325	148,210.05	377,165.00	228,954.95
店面22	311	156,063.22	391,303.00	235,239.78

钻取 / 隐藏 / 行列互换 / 分类汇总 / 添加计算

上钻(U) / 下钻(D) / 层钻(L) / 展开(X) / 收起(C) / 按位置展开 / 按位置收起 / 钻到其它...

屏蔽后效果

每页 1000 行 < 1 >

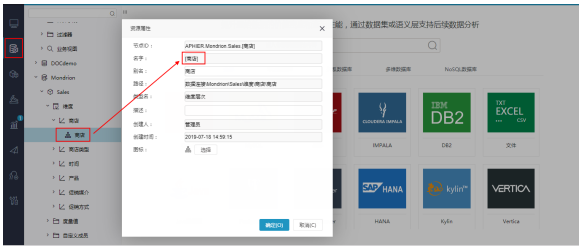
商店	销售量	销售成本	销售
总店			
店面7			
店面14			
店面6			3,170
店面24			3,803
店面13			6,484
店面11			4,046
店面17	4,828	2,284,542.34	5,734
店面23	1,534	720,690.74	1,819
店面15	3,266	1,584,704.02	4,006
店面3	3,340	1,616,696.36	4,075
店面16	3,120	1,430,964.87	3,584
店面2	325	148,210.05	377
店面22	311	156,063.22	391

钻取 / 隐藏 / 行列互换 / 分类汇总 / 添加计算

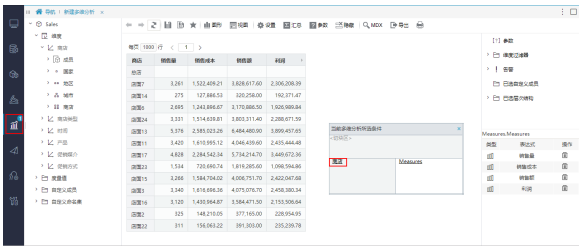
钻到其

实验步骤

1、选择获取需要屏蔽维度本维度钻取的维度名称，在【数据源】中找到对应的多维数据源，再找到对应cube，再找到对应的维度。在对应的维度上右击弹出属性窗口，复制维度名称。以多维数源“Mondrian”下的多维cube“Sales”中的维度[商店]为例。下图是获取[商店]名称的属性窗口图：

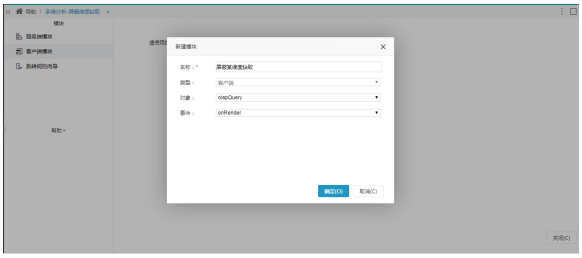


2、创建多维分析，在该多维分析中引用[商店]维度，并保存该多维分析。



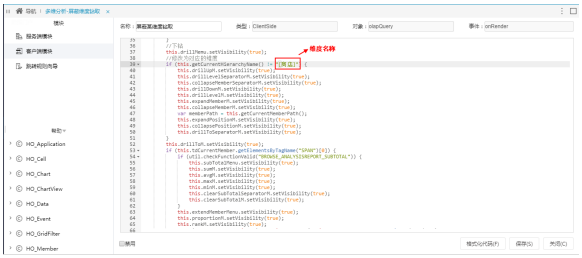
3、在“分析展现”界面的左侧资源树中，在该多维分析的更多操作菜单中选择 **编辑宏**：

4、进入宏编辑界面，在报表宏界面新建客户端模块，在弹出的新建模块对话框中选择对象为olapQuery；事件为onRender；



并把下面宏代码复制到代码区域。

> 注：步骤1中获取的维度名称要添加到宏代码中的。在宏代码中添加位置如下图：



宏类型

类型	对象	事件
ClientSide	olapQuery	onRender

宏代码

```
function main(olapQuery) {
    olapQuery.olapTable.restMenuState = function() {
        if (this.e && this.e.target && this.e.target.parentNode && (this.e.
target.parentNode.bofclass == "HIERARCHY" || this.e.target.parentNode.
bofclass == "LEVEL")) {
            //
            this.propertyMemu.setVisibility(true);
            return;
        }
        var uniqueName = this.getCurrentMemberName();
```

```
        if (uniqueName.indexOf("BOF_Subtotal") >= 0 || uniqueName.indexOf
("BOF_Func_") >= 0) {
            return;
        }
        var hasParent = this._unMapObj[this.tdCurrentMember.getAttribute
("un")].at & 1;
        var hasChild = this._unMapObj[this.tdCurrentMember.getAttribute
("un")].at & 2;
        // var canCollapse = this.tdCurrentMember.canCollapse == "yes";
        //var hasParent = this.tdCurrentMember.hasParent == "yes";
        //var hasChild = this.tdCurrentMember.hasChild == "yes";
        if (this.tdCurrentMember.getAttribute("lastColumnCell") == "yes") {
            //
            this.orderMemu.setVisibility(true);
            this.ascM.setVisibility(true);
            this.descM.setVisibility(true);
            this.bASCM.setVisibility(true);
            this.bDESCM.setVisibility(true);
            this.cancelM.setVisibility(true);
            //
            this.filterMemu.setVisibility(true);
            this.filterCancelM.setVisibility(true);
            this.filterCustomFilterM.setVisibility(true);
            this.filterTopFiveM.setVisibility(true);
            this.filterBottomFiveM.setVisibility(true);
            this.filterTopEightyPerM.setVisibility(true);
            this.filterBottomTwentyPerM.setVisibility(true);
            //
            this.propertyMemu.setVisibility(true);
        }
        //
        this.drillMemu.setVisibility(true);
        //
        if (this.getCurrentHierarchyName() != "[]") {
            this.drillUpM.setVisibility(true);
            this.drillLevelSeparatorM.setVisibility(true);
            this.collapseMemberSeparatorM.setVisibility(true);
            this.drillDownM.setVisibility(true);
            this.drillLevelM.setVisibility(true);
            this.expandMemberM.setVisibility(true);
            this.collapseMemberM.setVisibility(true);
            var memberPath = this.getCurrentMemberPath();
            this.expandPositionM.setVisibility(true);
            this.collapsePositionM.setVisibility(true);
            this.drillToSeparatorM.setVisibility(true);
        }
        this.drillToM.setVisibility(true);
        if (this.tdCurrentMember.getElementsByTagName("SPAN")[0]) {
            if (util.checkFunctionValid("BROWSE_ANALYSISREPORT_SUBTOTAL"))
{
                this.subTotalMenu.setVisibility(true);
                this.sumM.setVisibility(true);
                this.avgM.setVisibility(true);
                this.maxM.setVisibility(true);
                this.minM.setVisibility(true);
                this.clearSubTotalSeparatorM.setVisibility(true);
                this.clearSubTotalM.setVisibility(true);
            }
            this.extendMemberMenu.setVisibility(true);
            this.proportionM.setVisibility(true);
            this.rankM.setVisibility(true);
            var hierarchyName = this._hiMap[this._unMapObj[this.
tdCurrentMember.getAttribute("un")].hi].n;
            if ((this.isHierarchyOnAxis(0, hierarchyName) && this.
isTimeOnAxis(1)) || (this.isHierarchyOnAxis(1, hierarchyName) && this.
isTimeOnAxis(0))) {
                this.timeSeparatorM.setVisibility(true);
                this.kibbeeM.setVisibility(true);
                this.chainCompareM.setVisibility(true);
                this.prevValueM.setVisibility(true);
                this.parallelPeriodValueM.setVisibility(true);
```

```
                this.parallelPeriodRatioM.setVisibility(true);
                this.prevValueGrowthRateM.setVisibility(true);
                this.periodValueGrowthRateM.setVisibility(true);
            }
            this.clearExtendMemberSeparatorM.setVisibility(true);
            this.clearExtendMemberM.setVisibility(true);
            this.setExtendMemberM.setVisibility(true);
        }
        this.drillUpM.setEnabled(hasParent);
        this.drillDownM.setEnabled(hasChild);
        this.expandMemberM.setEnabled(hasChild);
        this.expandPositionM.setEnabled(hasChild);
        this.collapseMemberM.setEnabled(hasChild);
        this.collapsePositionM.setEnabled(hasChild);
        this.exchangeMenu.setVisibility(true);
        this.drillLevelM.setEnabled(true);
        if (this.tdCurrentMember.getAttribute("lastColumnCell") == "yes") {
            this.hiddenMemu.setVisibility(true);
            this.hiddenColumn.setVisibility(true);
            this.clearColumnHidden.setVisibility(true);
        }
        if (this.tdCurrentMember.getAttribute("lastRowCell") == "yes") {
            this.hiddenMemu.setVisibility(true);
            this.hiddenRow.setVisibility(true);
            this.clearRowHidden.setVisibility(true);
        }
    }
}
```