

## **SABR Project Code Structure**

### **Pricing Folder (Library code):**

- DEF SABR, Smile, Smile\_Matrix (Molly, Mengyang)
- DEF Black\_Scholes (Mengyang)
- DEF numerical\_pdf (Mengyang)
- DEF log\_normal\_pdf (Mengyang)
- DEF MC\_simulation (Molly)
- DEF detect\_collinearity (Molly)

### **Bin (Driver code):**

TBD

### **Input Folder:**

Market\_data.xlsx

### **Output Folder:**

TBD

Outpdf.csv

### **Test Folder:**

TBD