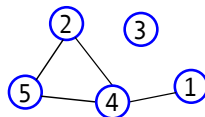
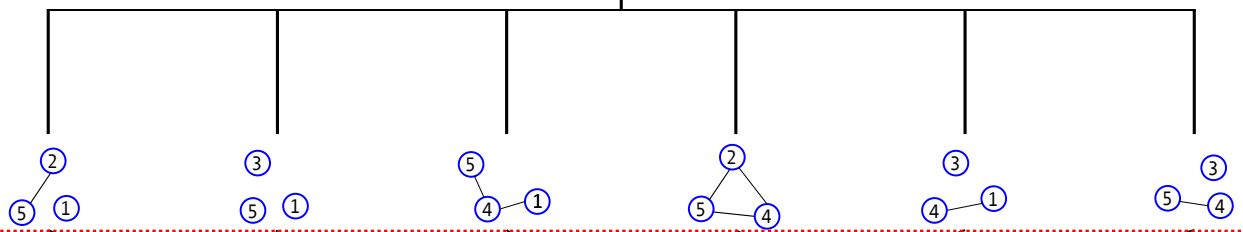


A graph \mathcal{G} from the dataset.



Randomly sample $s = 6$ sub-graphs of size $k = 3$ from \mathcal{G}



$$\hat{\mathbf{f}}_{\mathcal{G}} = \frac{1}{6} * \begin{bmatrix} 1 & 3 & 1 & 1 \end{bmatrix}$$

$\hat{\mathbf{f}}_{\mathcal{G}}$ cost:
 $\mathcal{O}(6 * 4 * C_{comp})$