# Cost Estimation

| WBS Item | Unit/Hrs. | Cost/Unit/Hrs. | Subtotals (RM) | WBS Level 1 Totals (RM) | Percentage of Total () |
|---|---|---|---|---|---|
| 1.  Initiation | | | | 375000 | 43.42 |
| Project manager | 1000 | 85 | 85000 | | |
| Data scientist | 1000 | 80 | 80000 | | |
| ML engineer | 1000 | 70 | 70000 | | |
| Software Developer | 1000 | 60 | 60000 | | |
| Hardware Developer | 1000 | 60 | 60000 | | |
| Contraction (15% of software development and testing) | | | 20000 | | |
| 2.  Hardware | | | | 55000 | 6.37 |
| Cloud service | 2500 | 20 | 50000 | | |
| Servers | 1 | 5000 | 5000 | | |
| 3.  Software | | | | 80000 | 9.26 |
| Licensed software | | | 10000 | | |
| Software development * | | | 70000 | | |
| 4.  Testing (15% of total hardware and software costs) | | | 12000 | 12000 | 1.39 |
| 5.  Training and Support | | | | 191500 | 22.18 |
| Trainee cost | 200 | 50 | 10000 | | |
| Travel cost | 100 | 60 | 6000 | | |
| Data scientist | 650 | 80 | 52000 | | |
| ML engineer | 650 | 70 | 45500 | | |
| Software Developer | 650 | 60 | 39000 | | |
| Hardware Developer | 650 | 60 | 39000 | | |
| 6.  Reserves (20% of total estimate) | | | 111600 | 150000 | 18.77 |
| Total project cost estimate | | | | 863500 | |