$M_{\chi}(s) = \mathbb{E}\left[e^{sX}\right] = \sum_{k=0}^{\infty} \frac{S^k}{k!} \mathbb{E}\left[X^k\right]$

So given the function Mx(s), we can read off the kith

$$\mathbb{E}\left[X^{k}\right] = \frac{d}{ds^{k}} M_{x}(s) \bigg|_{s=0}$$